Before the
Federal Trade Commission
Washington, DC 20580

In the Matter of)
)
180solutions)
)
_____)

Complaint and Request for Investigation,
Injunction, and Other Relief

I. Summary

Over the past two years, the Center for Democracy & Technology (CDT) has worked
with advertising software developer 180solutions Inc. in an effort to help the company
reform distribution practices that appear to be broadly unethical and in many cases,
illegal. While 180solutions has undertaken some minor reforms as a result of those talks,
unfair and deceptive practices persist throughout much of the company's distribution
network. CDT has grown increasingly concerned that these are not isolated incidents.
After substantial investigation, it is clear to CDT that, 180solutions' core business model
depends on third-party affiliates committing unfair and deceptive practices on the
company's behalf. Therefore, CDT urges the Commission to bring a complaint against
180solutions, not on the grounds of an individual case, but rather in response to a pattern
of practice that continues to encourage violations of the Title 5 of the FTC Act.

II. PARTIES

The Center for Democracy and Technology

The Center for Democracy and Technology (CDT) is a non-profit, public interest
organization incorporated in the District of Columbia and operating as a tax-exempt
organization. CDT is dedicated to preserving privacy, civil liberties and democratic
values on the Internet. CDT pursues its mission through public education, grass roots
organizing, litigation, and coalition building.

In November 2003, CDT released a report entitled "Ghosts in Our Machines:
Background and Policy Proposals on the 'Spyware' Problem"
(http://www.cdt.org/privacy/031100spyware.pdf). Simultaneously, CDT called on
Internet users to share their experiences with so-called "spyware" programs. CDT
committed itself to investigating the complaints submitted by the public and, where

appropriate, filing complaints with the FTC. (See http://www.cdt.org/action/spyware.) CDT has since filed complaints with the FTC against Mailwiper, Inc. and Seismic Entertainment Media, Inc. in February 2004. CDT has emerged as the leading public interest advocate on spyware issues, working closely with anti-spyware companies, researchers and other public interest groups.

180solutions, Inc.

180solutions is incorporated in the state of Washington and currently operates its corporate headquarters in Bellevue, WA. The company's Web site, http://www.180solutions.com, characterizes 180solutions as "a leading provider of Internet search marketing solutions." According to the Web site, the company offers consumers "a better way to search online and an entire network of free online content in exchange for using our applications."

180solutions sells advertising and distributes several free software programs on its Web sites and through affiliates, including 180search Assistant, and Zango. 180solutions formerly distributed a free program called n-CASE, but the software had a similar name to EnCase®, a registered trademark of Guidance Software, Inc. 180solutions has since replaced n-Case with 180search Assistant. 180search Assistant (http://www.180searchassistant.com) is described by 180solutions as "a small application that is downloaded to your computer and runs in the background looking to show Web sites with information, offers and products that match keywords that you are looking for when either shopping or searching online." 180Solutions apparently created Zango as a product that could be differentiated from itself from 180search Assistant. Still, there have been repeated reports of installation of Zango without consent or through other deceptive means.

III. Statement of Facts

1. 180solutions Search Assistant software was installed as part of the exploit in the Seismic/MailWiper case.
    a. CDT filed a complaint in February 2004 outlining Seismic Entertainment and MailWiper's role in multiple deceptive and unfair practices (see http://www.cdt.org/privacy/20040210cdt.pdf).
    b. CDT has documented that 180solutions software was installed as a part of one of the bundles identified in the case.
    c. The Commission has brought action against Seismic, MailWiper and OptInTrade.
    d. Several distributors of software were not mentioned in CDT's complaint or the FTC complaint, but were cited in discovery documents[1] as having paid Seismic for installing software.

---

[1] There are several companies mentioned in Exhibit K of *Federal Trade Commission v. Seismic Entertainment Productions, Inc., et al. 2004 U.S. Dist. Lexis 227788* (D.N.H.,

2. 180solutions Search Assistant software was installed as part of an exploit in the iLookup/ABCsearch/Internext case.
    a. CDT contacted 180solutions in June 2004 with concerns about unfair and deceptive practices related to a widely reported zero-day exploit. [See Appendix B for CDT's report.]
    b. After long discussion, 180solutions agreed to take steps to ensure that this type of installation would not happen again [see Appendix B3 for a letter from 180solutions to CDT]
    c. This agreement included 180solutions pledge that it had:
        i. brought a law suit against its partner for violating its partnership agreement[2]
        ii. revised its agreement with all its distributors to ensure that all installations were legal [see Appendix B4 for new agreement];
        iii. undergone an audit, conducted by VeriTest [see Appendix C for complete audit]; and
        iv. simplified its uninstall process.

3. 180solutions software was installed through LoudMarketing distribution channels.
    a. Based on submissions from consumers, CDT was investigating multiple deceptive and unfair practices committed by affiliates of LoudMarketing that were installing 180solutions software when, in April 2005, 180solutions purchased the company and promised to "clean up" its distribution channels.
    b. CDT had documented deceptive and unfair installs of 180solutions software on several sites including AIMIsland.com [See Appendix D1 for screen shots and a short report on the AIMIsland.com installation].
    c. CDT had documented LoudMarketing's unfair and deceptive practices in LoudMarketing's BlazeFind service including illicit installations of 180solutions software. [See Appendix D2 for screen shots and a short report on BlazeFind].
    d. Despite 180solutions claim that it had "cleaned up" LoudMarketing's channels, CDT received reports that LoudMarketing software was being installed through unfair and deceptive means on Macromdia.com [see Appendix D3] as recently as September 2005.

4. 180solutions software was installed through Integrated Search Technologies' (IST) distributions channels.
    a. In May 2005, CDT investigated the sites mentioned in the 180solutions VeriTest audit completed a year early [Appendix C].

_____

October 21, 2004). CDT has identified "LoudCash" as a subsidiary of LoudMarketing, later purchased by 180solutions and "Slotch" is Integrated Search Technologies. CDT also believes that a California company, then called Mindset, was involved and may also have been 180solutions partner in this case.
[2] 180solutions informed CDT that it settled this lawsuit with a company called Internext in July, 2005.

b. The review of this audit revealed that despite warnings by VeriTest a year earlier, some of these sites were still engaging in unfair and deceptive practices including installations by Integrated Search Technologies (IST).

c. Over the next few months CDT detailed 180solutions involvement in with one of these sites, LyricDomain.com and engaged with 180solutions to resolve the problem. [See Appendix E for the LyricsDomain.com report]

d. While CDT was in discussion with 180solutions on IST, IST's software "Crack Extractor," which also installed 180solutions software, was documented to be engaging in illicit installations.[3]

e. In October 2005, CDT again came to an agreement with 180solutions. 180solutions agreed that it would:
   i. stop distributing through IST;
   ii. stop distributing through several other Web sites illicitly installing software;[4] and
   iii. end its practice of allowing downloads that it could not verify.

f. 180solutions announced that it had ended "uncontrolled" third party downloads on October 11, 2005.

5. 180solutions software was distributed on http://www.dailywrestling.com
   a. iePlugin was another company identified in the May audit as potentially problematic.

   b. Complaints from consumers indicated that 180solutions was being installed through http://www.dailywrestling.com. CDT documented that, despite the 17 months of warning to 180solutions from its audit, iePlugin was installing 180solutions engaging in deceptive and unfair downloads on this site.

   c. 180solutions ceased this download as a part of its October 2005 agreement with CDT.[5]

---

[3] See http://www.vitalsecurity.org/2005/09/ysbweb-serve-up-crack-extractor-whoops.html.

[4] These sites included macromdia.com and dailywrestling.com.

[5] Although deceptive installs involving iePlugin ceased in October 2005 at http://www.dailywrestling.com, as of January 2006 they were still occurring at several other websites, including http://www.wallpapers4u.com. CDT's brief investigation of this site revealed that a user visiting the site was immediately prompted to install a software bundle that included iePlugin (amid a barrage of pop-ups and prompts). The EULA that was displayed failed to disclose all the software that would be installed in the bundle. The adware payload associated with this iePlugin install was so great that it could cause Internet Explorer to crash, in addition to confusing the user as to which pop-up advertisement was being served by which piece of software. Regardless of whether the user consented to the iePlugin install, he was also prompted to install 180solutions' Zango software after a lapse of approximately five minutes. There was no indication that the second install was at all related to the original site visit. A video of this behavior is available at http://www.spywarewarrior.com/elh/ieplugin.wmv.

4

6. Despite 180solutions claims to have ended "uncontrolled downloads," a computer worm that used an instant messaging protocol was documented to be distributing 180solutions software on October 28, 2005.[6]

7. At the end of November 2005 http://www.crackz.ws was documented to install 180solutions software on user computers with no consent.[7] This case also occurred after 180solutions' October 11, 2005 pledge.

8. 180solutions software is currently distributed through CJB.Net using unfair and deceptive practices.
    a. CDT is concurrently filing a complaint with the FTC against180solutions and CJB.Net for unfair and deceptive practices in the installation of 180solutions software.

9. Multiple other cases of 180solutions software installed through deceptive, unfair and fraudulent means have been widely reported. CDT has not actively confirmed these reports.[8]

III. Request for Injunction, and Other Relief

Over the past two years, millions of consumers have been harmed by 180solutions pattern of unfair and deceptive practices.[9] Despite CDT's reports, audits from the company's own consultants, and public reports from security experts, 180solutions has remained brazenly reckless in its efforts to get its software on users' computers. Therefore, we urge the Commission to consider this an urgent matter and to investigate and prosecute it accordingly. In particular, we ask the Commission to:

(a) Enjoin 180solutions and other responsible parties from future use of the deceptive and unfair installation of software and

---

[6] See http://www.spywareguide.com/articles/worm_propogates_via_aol_im_ins_91.html.
[7] See http://netrn.net/spywareblog/archives/2005/11/29/anti-spyware-zealot-rants-about-180solutions/.
[8] Researcher Eric Howes has put together a list of dozens of cases in 2005 alone (http://www.spywarewarrior.com/elh/180-summ.htm) and researcher Ben Edelman has been cataloging these practices for years, including videos documenting seemingly egregious practices such as those at http://www.benedelman.org/news/111804-1.html and http://www.benedelman.org/news/100505-1.html .
[9] The December 2005 Online Safety Study conducted by America Online and the National Cyber Security Alliance found that 61% of the respondents had spyware on their computer, and of these 61% of users, 11% had 180solutions software on their machines. Of the respondents who did have spyware, 81% said that they would like to have it removed immediately. In addition, Webroot has consistently ranked 180solutions as one of its top ten spyware distributors, as has Panda Software.

(b) Order other such equitable relief as the Commission finds appropriate including monetary penalties.

Considering the ongoing and widespread nature of this case, we request that the Commission utilize all of the tools at its disposal and work with other law enforcement bodies to ensure that consumers receive adequate relief.

Appendix A: Chronology of 180solutions Pattern of Deceptive and Unfair Practices

February 10, 2004 —CDT files complaint against Seismic Entertainment and MailWiper. Case cites adware installed without consent, including 180solutions Search Assistant.

May 20, 2004 — VeriTest completes an audit of 180solutions finding dozens of Web sites that may be engaging in questionable practices including LyricsDomain.com and NegativeBeats.com.

June 21, 2004 — CDT shares draft complaint against 180solutions in the I-Lookup case with the company in order to insure that the factual information was correct.

July 8, 2004 — 180solutions sends CDT a letter announcing that it is planning to bring legal actions against its partners in the I-Lookup case and says that their affiliate network has already undergone an audit.

February 2, 2005 — CDT begins investigating 180solutions relationship with LoudMarketing, identifying several sites of concern including AIMisland.com.

April 8, 2005 — 180solutions announces purchase of LoudMarketing promising to "clean up" its affiliate network.

July 8, 2005 — CDT begins investigating sites from the previous year's audit including LyricsDomain.com finding that several still have potentially illegal installs.

July 12, 2005 — 180solutions announces settlement with Internext in the I-Lookup case and gives settlement money to CDT.

September 19, 2005 — CDT shares draft complaint against 180solutions, Integrated Search Technologies and LyricsDomain.

September 20, 2005 — CDT tells 180solutions that it will delay filing if it takes the install off of LyricsDomain and other sites that were engaging in deceptive practices including the crack extractor sites, dailywrestling.com and macromdia.com, The dailywrestling.com install seemingly came from another affiliate network, mentioned in the May 2004 audit named iePlugin and macromdia.com's install seemingly came from the LoudMarketing network that 180solutions had promised to clean up in March.

September 21, 2005 — 180solutions tells CDT that it ended its download with lyricsdomain.com, musicsonglyrics.com, and anysonglyrics.com; shut down distribution of its product with "Crack Extractor"; shut down its inclusion on www.dailywrestling.com (confirming that it was from iePlugin); and shut down distribution of our product on www.macromdia.com (confirming that this was from the LoudMarketing network).

October 3. 2005 — 180solutions tells CDT that it is ending its relationship with IST.

October 11, 2005 — 180 Solutions announces that it is ending "uncontrolled" third-party downloads, suggesting that it must approve all installs after this point.

October 28, 2005 — AIM worm that installs 180solutions software without consent is reported.

November 3, 2005 — CDT files complaint against IST at FTC without mention of 180solutions.

November 14, 2005 — CDT is alerted to 180solutions deceptive practices through its affiliate CJB.Net.

November 29, 2005 — http://www.crackz.ws is documented to install 180solutions software on user computers with no consent.

December 6, 2005 — 180solutions announces a major enhancement in its distribution system to fix notice and consent problems and to more quickly detect "unauthorized" third-party downloads.

January 6, 2006 — A new AIM worm that installs 180solutions software without consent is reported.

Appendix B: Internext/ABCSearch/Ilookup Report

Report of CDT Investigation of 180solutions
June 21, 2004
June 20 DRAFT

I. INTRODUCTION

The Center for Democracy and Technology has received a variety of complaints from Internet users about 180solutions' software through CDT's spyware action Web page, and has discovered other complaints in online forums. On the basis of these complaints, we are investigating deceptive behavior by 180solutions and/or its distribution partners.

In this report, we document an example of an unauthorized installation of the 180search Assistant. Specifically, a 180solutions' distribution partner is exploiting security vulnerabilities to install 180search Assistant and a variety of other software with no notice to the user, and no opportunity for the user to consent to or reject the download. As of the writing of this report, the 180solutions servers continue to remotely enable installations of the 180searh Assistant from this distributor even after a distribution partner's deceptive practices have been widely publicized.

II. PARTIES

The Center for Democracy and Technology

The Center for Democracy and Technology (CDT) is a non-profit, public interest organization incorporated in the District of Columbia and operating as a tax-exempt organization. CDT is dedicated to preserving and promoting privacy and other democratic values and civil liberties on the Internet and other interactive communications media. CDT pursues its mission through public education, grass roots organizing, litigation, and coalition building.

In November 2003, CDT released a report entitled "Ghosts in Our Machines: Background and Policy Proposals on the 'Spyware' Problem" (http://www.cdt.org/privacy/031100spyware.pdf). Simultaneously, CDT called for Internet users to inform us of their experiences with so-called "spyware" programs. We indicated that we would investigate the complaints received and, where we believed appropriate, file complaints with the FTC. (See http://www.cdt.org/action/spyware.) CDT filed a complaint with the FTC against Mailwiper, Inc. and Seismic Entertainment Media, Inc. in February 2004.

180solutions, Inc.

180solutions is incorporated in the state of Washington and currently operates its corporate headquarters in Bellevue, WA. The company's Web site, http://www.180solutions.com, characterizes 180solutions as "a leading provider of Internet search marketing solutions." The company offers consumers "a better way to search online and an entire network of free online content in exchange for using our applications," according to the Web site.

180solutions sells advertising and distributes several free software programs on its Web sites and through affiliates, including 180search Assistant, and Zango. 180solutions also formerly distributed a free program called n-CASE, but the software had a similar name to EnCase®, a registered trademark of Guidance Software, Inc., and therefore 180solutions has recently re-branded and replaced n-Case with 180search Assistant. 180search Assistant (http://www.180searchassistant.com) is described by 180solutions as "a small application that is downloaded to your computer and runs in the background looking to show Web sites with information, offers and products that match keywords that you are looking for when either shopping or searching online."

180solutions also markets Zango (http://www.zango.com), which is advertised as "your backstage pass to the Internet" and "a permission based search assistant application." As of June 17, 2004, CDT has not received any complaints regarding the distribution of Zango.

Other Parties, Including Distribution Partner(s) and Affiliates

The distribution partner described in this report will be identified by its 180solutions distributor identification number (did). As described below, this value is stored in the Windows registry for all installations of 180search Assistant and, according to 180solutions, is used to credit partners for installations in order to apportion commissions. For all copies of 180search Assistant installed by the exploit described below, the distributor ID was 565. Without access to 180solutions' distribution partner database, the CDT has no way of definitively discovering what company or individual this ID corresponds to.

Installations of 180search Assistant described in this report were bundled with the I-Lookup toolbar. As shown below, installations of I-Lookup are signed by a company called Aztec Marketing. Other researchers have reported that different versions of I-Lookup installations are signed by a company called iClicks Internet (http://www.iclicks.net).[10]

The IP address that originates the download of 180search Assistant is 216.130.188.219. Using the reverse DNS lookup feature available at http://www.whois.sc, CDT determined that the IP address is shared by three domain names. The contact information for these domain names listed in the Whois database is as follows:

---

[10] *See* http://www.doxdesk.com/parasite/ILookup.html.

- Freepornpics.com is registered by iClicks Internet. The company's contact information is listed as a range of addresses, 1001-1166 Alberni Street, in Vancouver, BC. According to the company Web site, iClicks conducts operations in both Las Vegas and Vancouver.
- Begin2search.com is registered by Jack Tang, who also provided a range of addresses for his contact address: 370 - 666 Burrard St, in Vancouver, BC. This address range is geographically a few hundred feet away from the iClicks addresses.
- Click2findnow.com is registered by Aztec Marketing, apparently based out of San Jose, Costa Rica. Its contact address is listed in Spanish as "25 meters south of the AM-PM supermarket in South Savannah." Click2findnow.com is a search portal Web site that is nearly identical to Jack Tang's begin2search.com, and Aztec Marketing operates several other sites, such as http://www.i-lookup.com, http://www.dnsoutofcountry.com, http://www.dnssouth.com, http://www.ilookup.com, and http://www.i-lookup.net.

Other than these associations, as of the writing of this report CDT has no direct evidence of the level of involvement, if any, of these individuals in the exploit described below.

III. STATEMENT OF FACTS

One or more publicly accessible Web sites carried JavaScript code that exploits a vulnerability in Internet Explorer to install several programs, including the I-Lookup toolbar and 180search Assistant. The vulnerability was discovered on June 2, 2004 and was widely publicized. As of June 17, 180solutions continues to send configuration and advertisement data that activates the installations of 180solutions containing the unique distributor ID associated with this exploit.

CDT's Research Methods

One June 7, 2004, CDT received notification through a mailing list of Internet security experts of a live security exploit affecting all versions of Internet Explorer that apparently involved 180solutions. We reproduced and documented the unauthorized installation using a variety of software tools.

Specifically, to reproduce the exploit in a hermetic environment, we used a virtual PC created by VMware Workstation for the documentation process. We installed Windows XP Professional Service Pack 1 and applied all critical updates through June 9, when our initial testing took place. We installed Symantec Antivirus and downloaded the latest virus definitions, and we installed ZoneAlarm Firewall so that we could track network activity by unauthorized software. Using the SnagIt screen capture software, we obtained videos and screenshots of an unauthorized 180search Assistant installation. We also used the Ethereal network analysis software to capture packets sent between the compromised machine and 180solutions' servers.

Installation of 180search Assistant

The site performing the unauthorized installations of 180search Assistant and I-Lookup Toolbar was hosted at http://216.130.188.219/ei2/installer.htm. An unknown number of other Web pages were automatically redirecting to this page, triggering the exploit. One such page was http://216.130.188.219/ei2. Another was http://www.freepornpics.com, which is easily found on the popular Google search engine.

When an Internet user reached this public Web page, they were shown a security warning that offered to install the I-Lookup Toolbar (shown below).

If the user clicked the "I-Lookup Toolbar Software (and agree with terms and conditions)," the license agreement for the I-Lookup Toolbar Software was opened in a separate browser window. On our test machine, the license agreement appeared in a window off of our screen, too small to contain the agreement and without any scroll bars. The only evidence to an ordinary user of the existence of the window at all was its tab in the Windows task bar. We were finally able to read the I-Lookup License agreement only by maneuvering the hidden window on-screen using the arrow keys, selecting all data using CTRL+A, and copying and pasting the text into a text editing program. This license agreement, which also requires users to agree to the 180search Assistant license agreement, is included as Appendix B1.
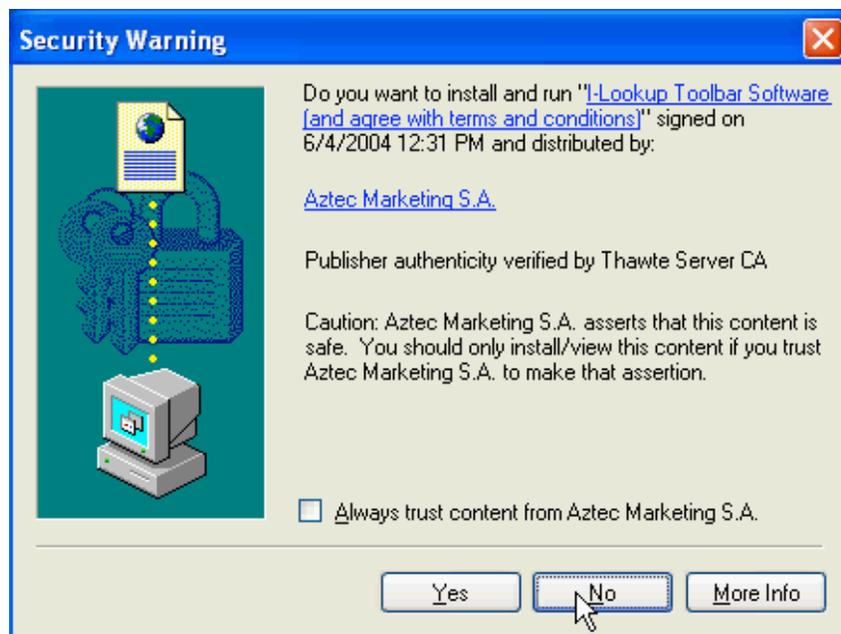

If the user accepted the I-Lookup Toolbar software by clicking "Yes," the I-Lookup toolbar and 180search Assistant were installed. If the user rejected the offer to install the software by clicking no, and subsequently tried to navigate away from the site, I-Lookup

and 180Search Assistant are installed anyway. The Web page would generate a popup window that loaded the exploit Web site, and both the I-Lookup Toolbar and the 180search Assistant were installed without the user's consent.

The exploit itself was first reported by Rafel Ivgi on June 2 on the FullDisclosure mailing list. An archive of his post is available at http://seclists.org/lists/fulldisclosure/2004/Jun/0050.html. The Internet Explorer vulnerability exploited by the site was subsequently investigated by Jelmer Kuperus, a Dutch researcher, who published his analysis at http://62.131.86.111/analysis.htm.

The method of entry was quite complicated and involved two previously unknown Internet Explorer vulnerabilities as well as a known but in other contexts relatively innocuous bug in order to install both 180search Assistant and the I-Lookup Toolbar. The I-Lookup Toolbar software performed several obvious changes to our test system, such as changing the default homepage to an Aztec Marketing Web page, http://www.i-lookup.com/, adding a toolbar to the browser, and adding five shortcuts the desktop (shown below).
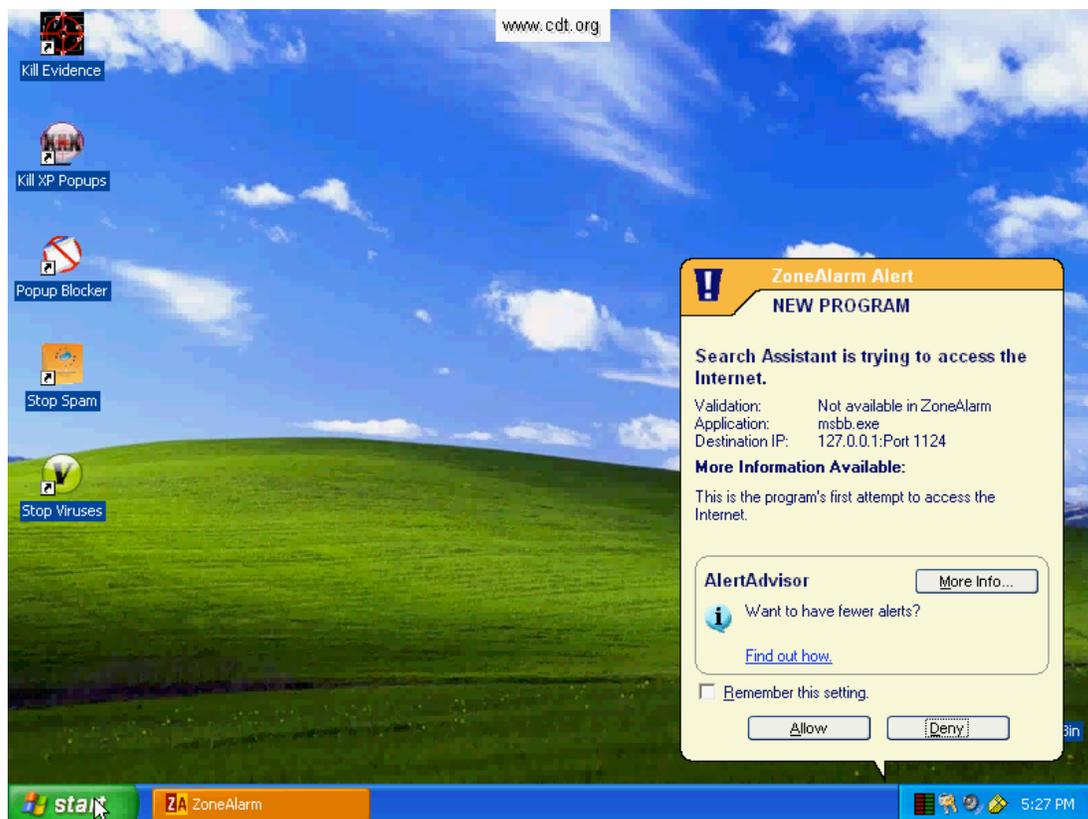
The 180solutions installation was less conspicuous. The executable file (msbb.exe) and a log of the changes made to the system (log0.txt) were placed in the "C:\windows\system32" folder. The files were marked as "hidden," which means that they could not be seen until we changed our file browsing options to activate display of

hidden files. CDT was alerted to the presence of 180search Assistant by our firewall software (shown above).

Remote Enabling of Unauthorized Software

CDT waited until June 17 to allow msbb.exe to connect to the Internet. At this point, the Web site exploiting the browser vulnerability and installing 180solutions had been exposed on over 20 major Internet news sites, such as Slashdot and CNET (although many did not explicitly mention the connection to 180solutions).

When we did allow it to connect, it first contacted ping.180solutions.com. The transmission included the distributor id, 565. We have experimented with installations of 180search Assistant to verify that this data element in the transmission always corresponds to the distributor ID stored in the user's registry. In our previous conversations with 180solutions, they have told us that this registry value is used to identify the distribution partners to allow 180solutions to allocate commissions.

The 180solutions server responded to this initial communication with a single letter "a." The local msbb.exe executable then contacted config.180solutions.com. The 180solutions server responded by transmitting what we believe to be instructions to enable the software. For example, it provided what we think are the location of advertisements to be served by the executable, the location of the list of URLs that should trigger advertisements, the location of the list of search keywords that should trigger advertisements, and a list of Web pages that should never trigger an advertisement. A full transcript of this conversation is available as Appendix B2.

The 180search Assistant software then began to automatically download files from the locations provided. As we navigated to other Web pages, 180search Assistant created Internet Explorer pop-up windows that contained advertisements. These advertisements could be identified by the Internet Explorer title bar, which read, "Brought to you by the 180search Assistant." Sometimes, the title bar would only show this text for about one second before being replaced a different title. Examples of both types of advertisement windows are displayed below.

Brought to you by the 180search Assistant - Microsoft Internet Explorer

File   Edit   View   Favorites   Tools   Help

Back   Search   Favorites   Media

Address http://adserver.sharewareonline.com/AdServerX/MemTurboLanding.aspx?Referrer=mdirect   Go   Links »

Search the web   Search

Attention: Windows® XP System detected.

The Problem:
Many of your software programs contain **"memory leaks".** Over time these leaks cause less and less memory to be available on your PC.

The Symptoms:
Slower Performance, **Slower** Web Browsing, **Slow** Startup, Program **Crashes**, Computer **Crashes** Data Loss and File Damage

The Solution:
A high-performance memory manager that can **recover** memory leaks and **restore performance** and **computer**

Done   Internet

Protect Your Computer From Viruses! - Microsoft Internet Explorer

File   Edit   View   Favorites   Tools   Help

Back   Search   Favorites   Media

Address http://www.memoryoptimizer.com/antivirus/mcafee_deal_antivirus.asp?rc=kan_v   Go   Links »

Search the web   Search

McAfee SECURITY   **Special Offer!**

**Protect Your Computer from Viruses Right Now,
Prevent Hackers from Stealing
Your Personal and Financial Information**

● Keep your computer safe from dangerous virus threats

Internet

Appendix B1: I-Lookup Toolbar License Agreement

I-lookup Toolbar Terms of Use

Welcome to the I-lookup.com Toolbar!! Use of this software, including any third party software made available in conjunction with this software, ("I-lookup Toolbar") you agree to be bound by the following terms and conditions (the "Terms and Conditions").

Personal Use Only
I-lookup Toolbar is made available to you for your personal, non-commercial use only (at home or at work). You may not modify, copy, publish, license, create derivative works from or sell any information or software associated with I-lookup Toolbar, without first obtaining written permission from I-lookup by contacting toolbar@I-lookup.com or any third party licensor who make its software available through or in conjunction with the I-

15

lookup Toolbar. Furthermore, you may not use I-lookup Toolbar in any manner that could damage, disable, overburden, or impair I-lookup's search services (e.g., you may not use the I-lookup Toolbar in an automated manner), nor may you use I-lookup Toolbar in any manner that could interfere with any other party's use and enjoyment of I-lookup's search services.

If you have comments on the I-lookup Toolbar or ideas on how to improve it, please email toolbar@I-lookup.com. Please note that by doing so, you also grant I-lookup and third parties permission to use and incorporate your ideas or comments into I-lookup Toolbar (or third party software) without further compensation.

Intellectual Property
You acknowledge that I-lookup or third parties own all right, title and interest in and to the I-lookup Toolbar, portions thereof, or software provided through or in conjunction with the I-lookup Toolbar, including without limitation all Intellectual Property Rights. "Intellectual Property Rights" means any and all rights existing from time to time under patent law, copyright law, trade secret law, trademark law, unfair competition law, and any and all other proprietary rights, and any and all applications, renewals, extensions and restorations thereof, now or hereafter in force and effect worldwide. You agree not to modify, adapt, translate, prepare derivative works from, decompile, reverse engineer, disassemble or otherwise attempt to derive source code from I-lookup Toolbar. You also agree to not remove, obscure, or alter I-lookup's or any third party's copyright notice, trademarks, or other proprietary rights notices affixed to or contained within or accessed in conjunction with or through the I-lookup Toolbar.

Disclaimer of Warranties
I-lookup and any third party who make its software available in conjunction with or through the I-lookup Toolbar disclaim any responsibility for any harm resulting from your use of the I-lookup Toolbar and/or any third party software accessed in conjunction with or through the I-lookup Toolbar.

THE I-LOOKUP TOOLBAR AND ANY THIRD PARTY SOFTWARE MADE AVAILABLE IN CONJUNCTION WITH OR THROUGH THE I-LOOKUP TOOLBAR ARE PROVIDED "AS IS," WITH NO WARRANTIES WHATSOEVER. I-LOOKUP AND SUCH THIRD PARTIES EXPRESSLY DISCLAIM TO THE FULLEST EXTENT PERMITTED BY LAW ALL EXPRESS, IMPLIED, AND STATUTORY WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT OF PROPRIETARY RIGHTS. I-LOOKUP AND ANY THIRD PARTY WHO MAKES ITS SOFTWARE AVAILABLE IN CONJUNCTION WITH OR THROUGH THE I-LOOKUP TOOLBAR DISCLAIM ANY WARRANTIES REGARDING THE SECURITY, RELIABILITY, TIMELINESS, AND PERFORMANCE OF I-LOOKUP TOOLBAR AND SUCH THIRD PARTY SOFTWARE.

YOU UNDERSTAND AND AGREE THAT YOU DOWNLOAD AND/OR USE THE I-LOOKUP TOOLBAR AND ALL THIRD PARTY SOFTWARE MADE AVAILABLE IN CONJUNCTION WITH OR THROUGH THE I-LOOKUP TOOLBAR AT YOUR OWN DISCRETION AND RISK AND THAT YOU WILL BE SOLELY RESPONSIBLE FOR ANY DAMAGES TO YOUR COMPUTER SYSTEM OR LOSS OF DATA THAT RESULTS FROM THE DOWNLOAD OR USE OF I-LOOKUP TOOLBAR AND SUCH THIRD PARTY SOFTWARE.

SOME STATES OR OTHER JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO THE ABOVE EXCLUSIONS MAY NOT APPLY TO YOU. YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE AND JURISDICTION TO JURISDICTION.

Limitation of Liability
UNDER NO CIRCUMSTANCES SHALL I-LOOKUP OR ANY THIRD PARTY WHO MAKES ITS SOFTWARE AVAILABLE IN CONJUNCTION WITH OR THROUGH THE I-LOOKUP TOOLBAR BE LIABLE TO ANY USER ON ACCOUNT OF THAT USER'S USE OR MISUSE OF I-LOOKUP TOOLBAR OR SUCH THIRD PARTY SOFTWARE. SUCH LIMITATION OF LIABILITY SHALL APPLY TO PREVENT RECOVERY OF DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, AND PUNITIVE DAMAGES WHETHER SUCH CLAIM IS BASED ON WARRANTY, CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, (EVEN IF I-LOOKUP AND/OR A THIRD PARTY SOFTWARE PROVIDER HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES). SUCH LIMITATION OF LIABILITY SHALL APPLY WHETHER THE DAMAGES ARISE FROM USE OR MISUSE OF AND RELIANCE ON THE I-LOOKUP TOOLBAR AND ALL THIRD PARTY SOFTWARE MADE AVAILABLE IN CONJUNCTION WITH OR THROUGH THE I-LOOKUP TOOLBAR, FROM INABILITY TO USE I-LOOKUP TOOLBAR AND ALL THIRD PARTY SOFTWARE MADE AVAILABLE IN CONJUNCTION WITH OR THROUGH THE I-LOOKUP TOOLBAR, OR FROM THE INTERRUPTION, SUSPENSION, OR TERMINATION OF I-LOOKUP TOOLBAR AND ALL THIRD PARTY SOFTWARE MADE AVAILABLE IN CONJUNCTION WITH OR THROUGH THE I-LOOKUP TOOLBAR (INCLUDING SUCH DAMAGES INCURRED BY THIRD PARTIES). SUCH LIMITATION SHALL APPLY NOTWITHSTANDING A FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY AND TO THE FULLEST EXTENT PERMITTED BY LAW.

SOME STATES OR OTHER JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

I-lookup's Search Service

I-lookup Toolbar is designed to be used in conjunction with I-lookup's search services. Accordingly, your use of I-lookup Toolbar is also defined by I-lookup's Terms of Service and Privacy Policy.

180 Search Assistant
By accepting this agreement you also accept the terms and conditions of the 180search Assistant End User License agreement and privacy statement located at http://www.180searchassistant.com/eula.aspx. 180search Assistant is a permission-based search assistant application that provides access to a wide range of websites, applications and information. 180search Assistant will periodically direct you to our sponsors' websites, allowing you to compare products, services, and prices between websites. 180search Assistant will collect information about the websites you visit, but will not collect any information that will be used to identify you personally. The information that 180search Assistant collects and transmits will be used to provide you with access to comparative shopping opportunities at times when we consider them most relevant. 180search Assistant can be uninstalled at any time by going to the ?Add/Remove Programs? menu on your computer and clicking the ?Remove? button next to the entry for Uninstall 180search Assistant. To learn more about the 180search Assistant, please visit the 180search Assistant website at www.180searchassistant.com.

Uninstall Instructions:

To uninstall the old I-Lookup Toolbar please right click on the following link and hit save as to save the file onto your computer http://www.i-lookup.com/uninstall.exe. Then open the file from where you saved it to uninstall the software.

If you have installed the latest version, please right click on the following link and hit save as to save the file onto your computer http://www.i-lookup.com/uninstall2.exe. Then open the file from where you saved it to uninstall the software.

[Updated April 2004]
If you have installed the latest version after April 28th, please right click on the following link and hit save as to save the file onto your computer http://www.i-lookup.com/uninstall3.exe. Then open the file from where you saved it to uninstall the software.
Miscellaneous Provisions
These Terms and Conditions will be governed by and construed in accordance with the laws of the province of British Columbia, without giving effect to the conflict of laws provisions of your actual state or country of residence. If for any reason a court of competent jurisdiction finds any provision or portion of these Terms and Conditions to be unenforceable, the remainder of these Terms and Conditions will continue in full force and effect.

These Terms and Conditions constitute the entire agreement between the parties with respect to the subject matter hereof and supersede and replace all prior or

contemporaneous understandings or agreements, written or oral, regarding such subject matter. We reserve the right to modify these Terms and Conditions at any time for any reason and such terms shall be effective immediately. Any waiver of any provision of these Terms and Conditions will be effective only if in writing and signed by I-lookup and/or a third party who make its software available in conjunction with or through the I-lookup Toolbar.

180search Assistant End User License Agreement (EULA)

"180search Assistant" is a permission-based search assistant application that provides access to a wide range of websites, applications and information powered by 180solutions, Inc. ("180solutions"). This means that 180search Assistant will periodically direct you to our sponsors' websites. 180search Assistant will collect information about the websites you visit, but will not collect any information that will be used by 180solutions to identify you personally. The information that 180search Assistant collects and transmits to 180solutions will be used to provide you with access to comparative shopping opportunities at times when we consider them most relevant. 180search Assistant can be uninstalled at any time by going to the "Add/Remove Programs" menu on your computer and clicking the "Remove" button next to the entry or entries for 180search Assistant.

NOTICE TO USER: PLEASE READ THIS END USER LICENSE AGREEMENT ("AGREEMENT") CAREFULLY. BY CLICKING "ACCEPT" BELOW, OR BY USING ALL OR ANY PORTION OF THE SOFTWARE, YOU ACCEPT ALL THE TERMS AND CONDITIONS OF THIS AGREEMENT. YOU AGREE THAT THIS AGREEMENT IS ENFORCEABLE LIKE ANY WRITTEN NEGOTIATED AGREEMENT SIGNED BY YOU. IF YOU DO NOT AGREE, DO NOT INSTALL OR USE THE SOFTWARE.

1. Definitions.
"Software" means (a) the 180search Assistant software; and (b) any upgrades, modified versions, updates, or additions, to the 180search Assistant software (collectively referred to as "Updates") that are provided to you by 180solutions. "Use," "Used" or "Using" means to access, install, download, copy or benefit from using the functionality of the Software.

2. Software License.
As long as you comply with, and subject to, the terms of this Agreement, 180solutions grants to you a non-exclusive, nontransferable, revocable license to Use the Software, in binary executable form only, solely for the purposes described in the this Agreement. You may install and Use the Software on one computer. You may make one backup copy of the Software, provided your backup copy is not installed or Used on any computer, except as a replacement for the original copy in the event it is deleted or rendered inoperable.

3. Restrictions.

Without limiting the foregoing, you will: (a) not distribute, lend, license, grant or otherwise transfer the Software, (b) not reverse engineer, disassemble or decompile the Software or attempt to discover or recreate the source code to the Software, except as otherwise required by applicable law (c) comply with all applicable laws, including U.S. export control laws, in your Use of the Software, (d) not make any modification, adaptation, improvement, enhancement, translation or derivative work of or to the Software, (e) not remove, alter or obscure any proprietary notices (including copyright notices) of 180solutions or its suppliers in the Software, (f) not use the Software for purposes for which it is not designed, and (g) only Use the Software for personal, non-commercial use.

4. Intellectual Property Rights.

The Software is the intellectual property of, and owned by, 180solutions and its suppliers. The structure, organization and code of the Software are the valuable trade secrets and confidential information of 180solutions and its suppliers. The Software is protected by copyright, including without limitation by United States copyright law, international treaty provisions and applicable laws in the country in which it is being used. Except as expressly stated herein, this Agreement does not grant you any intellectual property rights in the Software, and all rights not expressly granted are reserved by 180solutions.

5. Display of Advertising.

The Software will collect information about you and the websites you visit ("Usage Data"), but will not collect information that will be used to identify you personally. This information will be used to provide you with comparative shopping opportunities when they are most relevant. By installing and/or using the Software you grant permission for 180solutions to periodically display sponsors' websites to you, and to collect, use and disclose the Usage Data. The frequency of the advertisements will vary depending on your use of the Internet. You acknowledge that the Software includes an anonymous user ID and an electronic cookie that enables 180solutions to collect such information and to display advertising targeted to you. A "cookie" is a small amount of data that 180solutions' servers transfer to your browser and that only 180solutions' servers can read. You understand that 180solutions does not control your interaction with the websites and advertisements displayed to you and we assume no responsibility for their content or privacy practices and policies.

6. Updates.

180solutions, in its sole discretion, may provide you with released Updates to the Software as part of this Agreement. The Software will check with 180solutions for these Updates automatically, and in the event that an Update is available, the Update will be installed automatically by the Software. Nothing herein shall be construed or interpreted as requiring that 180solutions provide these updates.

7. Disclaimer of Warranties and Remedies; Indemnity.

7.1. No Warranty; Disclaimer.
YOU ACCEPT THE SOFTWARE "AS IS" AND "WITH ALL FAULTS, DEFECTS AND ERRORS." NEITHER 180SOLUTIONS NOR ANY OF ITS SUPPLIERS WILL HAVE ANY LIABILITY FOR ANY ERROR, OMISSION OR DEFECT IN THE SOFTWARE, ANY INABILITY TO USE THE SOFTWARE OR ANY LOSS OF DATA. 180SOLUTIONS AND ITS SUPPLIERS MAKE NO WARRANTY, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE, REGARDING THE SOFTWARE, ITS PERFORMANCE OR SUITABILITY FOR YOUR INTENDED USE, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT.

7.2. Limitation of Damages.
NEITHER 180SOLUTIONS NOR ANY OF ITS SUPPLIERS WILL HAVE ANY, AND YOU RELEASE 180SOLUTIONS AND ALL OF ITS SUPPLIERS FROM ANY, LIABILITY (WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE OR OTHERWISE) FOR ANY DAMAGES SUSTAINED BY YOU ARISING FROM THE USE OR INABILITY TO USE THE SOFTWARE, INCLUDING, WITHOUT LIMITATION, ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS OF DATA, SAVINGS, OR PROFITS OR THE COST OF PROCURING SUBSTITUTE GOODS, EVEN IF 180SOLUTIONS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL 180SOLUTIONS' ENTIRE LIABILITY ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT EXCEED $100.00.

8. Collection of Information.
180solutions collects and uses certain information about you from your use of the Software. By installing the Software, you grant permission for 180solutions to collect this information, including the websites you visit while connected to the Internet. You acknowledge that you have reviewed 180solutions' 180search Assistant Privacy Policy, which describes 180solutions' practices with respect to the collection, use and disclosure of information in connection with the 180search Assistant Software. A copy of the 180search Assistant Privacy Policy is available at http://www.180searchassistant.com/privacy.html. 180solutions reserves the right to change the provisions of its 180search Assistant Privacy Policy from time to time. 180solutions will post any changes to the 180search Assistant Privacy Policy at the web address in the preceding sentence. Your use of the Software following the posting of such changes to the 180search Assistant Privacy Policy will constitute your acceptance of any such changes.

9. Infringement Reporting Procedure.
180search Assistant is not responsible for content hosted by Content Providers, however, if you are aware of any infringing or illegal content hosted by a site that utilizes 180search Assistant as an access control mechanism, please notify 180solutions at the address below so that we may take appropriate action.

10. User Representations and Warranties.
You acknowledge, represent and warrant that (i) you own the computer on which you are installing the Software, or have the authority to install the Software on such computer; (ii) your installation and/or Use of the Software will not violate any local, state or federal laws that apply to you, or the use or installation of the Software; and (iii) that 180solutions is not causing the Software to be installed on your computer, but has provided the Software to you, which you are installing of your own volition.

11. Governing Law.
This Agreement will be governed by and construed in accordance with the laws of the State of Washington, U.S.A., without regard to its choice of law principles to the contrary. You hereby irrevocably consent to the jurisdiction and venue of the federal, state and local courts located in King County, Washington, U.S.A., in connection with any action arising out of or in connection with this Agreement.

12. Miscellaneous.
You must be at least 18 years of age to use the Software. By accepting the terms of this Agreement and Using the Software you represent that you are over the age of 18. This is the entire agreement between 180solutions and you relating to the Software, and it supersedes any prior representations, discussions, undertakings, communications or advertising relating to the Software. If any part of this Agreement is held by a court to be illegal, invalid or unenforceable, it will not affect the validity of the balance of the Agreement, which will remain valid and enforceable according to its terms. This Agreement may only be modified by a writing signed by an authorized officer of 180solutions. If you violate any term of this Agreement, 180solutions may terminate this Agreement without waiving any other rights.

Contact Us.
If you have any questions about the 180search Assistant software, our website, company or service, you should first consult our website http://www.180searchassistant.com/home.html. This site includes links to company information, answers to frequently asked questions, and all of 180solutions' current policies. If you have further questions or concerns, please email support@180search Assistant .com, or write to 180solutions Support, 3600 136th Place SE, Bellevue, WA 98006.

Appendix B2: Communication between 180search Assistant and 180solutions

Text in bold was sent by the 180search Assistant software. Other text was sent by 180solutions.

GET / HTTP/1.1
Host: ping.180solutions.com
Cache-Control: no-cache
Cookie: register=lrd=6/9/2004 1:47:01 PM; partner=lcd=6/9/2004 1:47:01
PM&pi=185326082&pt=227pdznrpxdhwfqhbdjnfsawyfwndl&ci=565&cn=0&cy=&rg=0&ct=0&dma
=0&pc=&ac=0&bd=12:00:00 AM&sx=&cd=6/9/2004 1:47:00 PM&md=6/9/2004 1:47:00
PM&dlu=12:00:00 AM&glu=12:00:00 AM&csi=0&li=0&ei=0&chi=0&hii=0&ck=1c9e740c-3589-
4f56-8e51-f3460756417c&upbl=False&cv=5.4; guid=1c9e740c-3589-4f56-8e51-f3460756417c

HTTP/1.1 200 OK
Content-Length: 37
Content-Type: text/html
Content-Location: http://ping.180solutions.com/Default.htm
Last-Modified: Wed, 14 Jan 2004 19:43:52 GMT
Accept-Ranges: bytes
ETag: "b64f1fbdd6dac31:46e"
Server: Microsoft-IIS/6.0
X-Powered-By: ASP.NET
Date: Thu, 17 Jun 2004 08:04:40 GMT

<HTML>
<BODY>
a
</BODY>
</HTML>

GET
/config.aspx?did=565&ver=5.9&duid=227pdznrpxdhwfqhbdjnfsawyfwndl&partner_id=185326082&
product_id=565&browser_ok=y&rnd=31&basename=msbb&tzbias=5&MT=4F39E7E2BB16032F1E
214D5721BB87766D542D94&DMT=4F39E7E2BB16032F1E214D5721BB87766D542D94&SID=PCV
GLMZE&OS=5.1.2600.2&SLID=1033&ULID=1033&TLOC=1033&ACP=1252&OCP=437&DB=iex
plore.exe&IEV=6.0.2800.1&TPM=184008704&APM=41046016&TVM=2147352576&AVM=2054160
384&FDS=2464088064&LAD=1601:1:1:0:0:0&WE=5&TCA=0&SCA=0&MRDS=0&LCAT=1601/0
1/01%2000:00:00 HTTP/1.1
Accept: */*
Host: config.180solutions.com
Cookie: register=lrd=6/9/2004 1:47:01 PM; partner=lcd=6/9/2004 1:47:01
PM&pi=185326082&pt=227pdznrpxdhwfqhbdjnfsawyfwndl&ci=565&cn=0&cy=&rg=0&ct=0&dma
=0&pc=&ac=0&bd=12:00:00 AM&sx=&cd=6/9/2004 1:47:00 PM&md=6/9/2004 1:47:00
PM&dlu=12:00:00 AM&glu=12:00:00 AM&csi=0&li=0&ei=0&chi=0&hii=0&ck=1c9e740c-3589-
4f56-8e51-f3460756417c&upbl=False&cv=5.4; guid=1c9e740c-3589-4f56-8e51-f3460756417c

HTTP/1.1 200 OK
Server: Microsoft-IIS/5.0
Date: Thu, 17 Jun 2004 08:04:40 GMT
P3P: CP="NON DSP COR ADMi DEVi TAIi PSAi PSDi OUR IND UNI NAV"
X-Powered-By: ASP.NET
X-AspNet-Version: 1.1.4322
Set-Cookie: register=lrd=6/17/2004 1:04:41 AM; domain=.180solutions.com; expires=Fri, 17-Jun-2005
08:04:41 GMT; path=/

Set-Cookie: partner=lcd=6/17/2004 1:04:41
AM&pi=185326082&pt=227pdznrpxdhwfqhbdjnfsawyfwndl&ci=565&cn=4&cy=us&rg=2492&ct=31533
&dma=511&pc=20016&ac=202&bd=12:00:00 AM&sx=&cd=6/9/2004 1:47:00 PM&md=6/10/2004
12:57:39 AM&dlu=12:00:00 AM&glu=6/17/2004 1:04:41
AM&csi=0&li=0&ei=0&chi=0&hii=0&ck=1c9e740c-3589-4f56-8e51-
f3460756417c&upbl=False&cv=5.9; domain=.180solutions.com; expires=Fri, 17-Jun-2005 08:04:41
GMT; path=/
Set-Cookie: guid=1c9e740c-3589-4f56-8e51-f3460756417c; domain=.180solutions.com; expires=Fri, 17-
Jun-2005 08:04:41 GMT; path=/
Cache-Control: private, no-store
Content-Type: text/html; charset=utf-8
Content-Length: 4425
Set-Cookie: WEBTRENDS_ID=161.253.46.111-
3193586064.29643841::D7D22D64764D8CE238773D47BF987A29; path=/; expires=Fri, 17-Jun-2005
08:04:41 GMT

/partner_id=185326082
/duid=227pdznrpxdhwfqhbdjnfsawyfwndl
/product_id=565
/did=565
/ad_url=http://tv.180solutions.com/showme.aspx
/con_int=186400
/int_int=36000
/key_word_int=300
/new_ver=5.9
/new_ver_url=http://installs.180solutions.com/downloads/5.9/msbb.exe
/new_ver_sz=270336
/new_ver_sig={0x4b,0x66,0xf2,0xaa,0x15,0xe1,0xff,0x39,0x80,0x29,0xdb,0xaa,0x22,0x9c,0xb4,0x27,0x5
6,0xf9,0x24,0xe5,0x4c,0x35,0xdb,0x7b,0x27,0x76,0x53,0xce,0xf7,0xcc,0xdf,0x11,0xc3,0x5d,0xf9,0x65,0
xa5,0xaa,0xf1,0x68,0xfd,0xee,0xff,0x0f,0x0c,0x2d,0x92,0x9f,0xb2,0x2d,0x4d,0x8b,0x34,0xad,0x4b,0x72,
0x50,0xb8,0x06,0xe1,0x57,0x47,0x4b,0x06,0x2d,0x00,0x97,0xe3,0x23,0x2c,0x1a,0xd6,0x70,0x3d,0x56,0
xca,0x6c,0xe0,0x21,0xed,0x27,0xef,0x5e,0x85,0xba,0xdf,0x95,0x46,0xd3,0x9b,0x9c,0x1e,0xe8,0xa6,0x4
1,0xd0,0xd4,0xc2,0x2a,0x52,0xc1,0x1e,0x00,0x14,0xc9,0x59,0xc8,0x90,0xb3,0xdc,0x3b,0x2c,0x14,0xd5,
0x62,0x95,0x66,0x08,0xf1,0x09,0x6d,0xf3,0xc0,0xfa,0xb5,0x7a,0x6d,0x25}
/dll_ver=3.0
/dll_loc=http://installs.180solutions.com/Downloads/DLL/3.0/ncmyb.dll
/dll_sz=57344
/dll_sig={0xae,0xb6,0xe2,0x3e,0x51,0xa6,0x57,0xe4,0x93,0xd1,0xfd,0x05,0x24,0xfa,0x76,0x16,0xc5,0x5
b,0xfa,0xa8,0x39,0x67,0x69,0x41,0x8c,0xf3,0xf0,0x17,0x9a,0x07,0xc1,0x23,0x0a,0x83,0xdb,0x6e,0xdc,0
xc6,0xc3,0x99,0xcf,0x25,0x23,0x82,0x93,0xbf,0x3a,0x0d,0x94,0xa7,0xda,0xb6,0x6c,0x8d,0x31,0x0c,0xc
9,0xc0,0x14,0xa1,0x70,0xb3,0x93,0xf4,0xca,0xc0,0x53,0x86,0xf0,0x5d,0x2b,0x12,0x08,0xbd,0x12,0xb5,
0x4e,0x3d,0xdf,0x83,0xfa,0x72,0xbc,0x7c,0x3f,0x3b,0x9d,0xa1,0x42,0xeb,0xdd,0x6e,0xa4,0x73,0x7c,0x
0a,0x1d,0xe7,0xc6,0x97,0x0a,0xe3,0x85,0x8b,0xee,0xfc,0x05,0xb0,0xd2,0xc1,0xd1,0xbb,0x01,0x20,0x8b
,0x57,0x11,0x3b,0xd1,0x53,0x08,0xbf,0x4d,0x01,0xef,0xcc,0xc1,0xd1}
/boom_url=http://installs.180solutions.com/downloads/boom/2.0/RBoomerang.1
/boom_sz=94208
/boom_sig={0x16,0x00,0x43,0xe4,0x8c,0x9d,0x7c,0x9e,0xb2,0x7d,0x1a,0xcf,0x2c,0xbb,0x84,0x8d,0xa0,
0x39,0xd4,0xd6,0x0e,0x10,0x88,0xbe,0xfd,0x8d,0x96,0xd7,0x65,0x8a,0xc9,0xd1,0x97,0x41,0x7a,0x09,0
x94,0xbc,0xb7,0x0a,0x4a,0xf9,0xdb,0x63,0x24,0x4c,0x37,0x69,0x5e,0xed,0x93,0xa5,0xd2,0x4c,0x8a,0xe
c,0xc2,0x71,0x58,0xd5,0xea,0x67,0x15,0x0f,0x97,0xbb,0xde,0x9e,0x66,0xff,0x01,0xfd,0xa4,0x49,0xa5,0
x29,0x9c,0xcb,0xf0,0xcb,0xd2,0x2f,0xfa,0x71,0x76,0x5b,0x69,0xe4,0xe6,0x26,0xa2,0xc3,0x95,0xff,0x58
,0x7f,0x59,0x19,0xa8,0xe8,0x47,0xac,0xe0,0x3d,0x1d,0x69,0x74,0xf3,0x93,0x65,0x63,0x41,0x46,0xd0,0
xa7,0xc8,0x0f,0xbf,0xa7,0x01,0x3e,0x66,0xfe,0xd7,0x2b,0x67,0xa6,0x7a}
/collect=True
/dom_excl=bis.180solutions.com+pbid.pro-market.net+www.pbid.pro-
market.net+205.180.85.40+adserv.internetfuel.com+banserv.internetfuel.com+fast.mediacharger.com+nitro

us.exitfuel.com+nitrous.internetfuel.com+popup.msn.com+www.pollen.com+www.popupnation.com+ad.doubleclick.net+ads.web.aol.com+connect.247media.ads.link4ads.com+ads.180solutions.com+www.vegasvilla.com+www.casinoonair.com+www.kscasino.com+www.gamingclub.com+bisads.180solutions.com+www.metricsdirect.com+www.zango.com+www.boneland.com+www.goonland.com+www.newgrounds.com+www.sirmixalot.net+www.angrynakedpat.com+www.jibjab.com+www.allgamesfree.com+www.ezone.com+www.mediapickle.com+www.grouphug.us+www.kingsofchaos.com+www.sohh.com+www.3djoe.com+www.likemybody.com+www.likemytattoo.com+ads.kingsofchaos.com+ads.sohh.com+media.fastclick.net+www.burstnet.com
/max_sent_packets=10000
/max_rec_packets=100000
/dist_app=
/data_page=/uploads/direct/
/ping_url=http://ebay.doubleclick.net/
/server_time=2004:6:17:1:4:41
/art_simple="Uninstall 180search Assistant"
/uninst_simple=y
/max_log_size=10240
/max_logs=5
/config_url=http://bis.180solutions.com/config.aspx
/upload_browse_log=n
/data_domain=nowhere.180solutions.com
/upload_event_log=n
/upload_detailed_sysinfo=n
/ad_history_count=100
/actionurl_file_directory=http://downloads.180solutions.com/actionurls/
/actionurl_file_version=9
/actionurl_file_chunks=740
/actionurl_file_last_mod_sizes=214+130+58+215+132+421+119+106+58
/actionurl_file_max_version_diff=10
/keyword_file_directory=http://downloads.180solutions.com/keywords/
/keyword_file_version=264
/keyword_file_chunks=96123+91937+85495+84440+90409+90187+94069+87547+85156+90036+94614+7447
/keyword_file_last_mod_sizes=82812+55549+32685+62145+133597+182043+63864+29683+65553+63996+79642+64235
/keyword_file_max_version_diff=10
/hooked=IEFrame+MozillaWindowClass+AOL~Frame25+MSN6~Window
/config_status=31
/hooked="MozillaWindowClass+AOL Frame25+MSN6 Window+IEFrame"

Appendix B3: 180solutions letter to CDT in Internext case

July 8, 2004

Mr. Jerry Berman
The Center for Democracy & Technology
1634 Eye Street NW, Suite 1100
Washington, DC 20006

Dear Mr. Berman,

I would like to thank you and your organization for the invaluable consumer service you are providing by working to improve industry's understanding of consumer privacy and marketing issues. We truly appreciate the Center for Democracy and Technology's willingness to provide constructive guidance and help us define practical approaches to create a valuable and positive experience for consumers.

As you are aware, 180solutions provides advertising software that software developers include with versions of their application in order to pay for the development of that software. Users as a result are able to receive free software in exchange for being presented with advertising. Those software developers, or as we refer to them, distributors, often use a network of third party affiliate Web sites to promote the download of their applications.

When we provide our advertising software to our distributors, we require all of them to obtain full and proper user consent prior to the execution and installation of their and our applications. In addition, we have always provided an easy to identify method of uninstalling our software and a dedicated customer support staff available to assist any user who does not find our software valuable.

As we have become aware, not all Web sites that promote free applications do so in an honest and straightforward manner. As we discussed with the CDT, 180solutions is very concerned with the problem of deceptive practices those companies may use to promote the installation and use of downloadable applications.

As a result of discussions with the CDT and within our company, we earlier this year instituted a number of changes in our agreements and practices:

• **Instituted a Distributor Code of Conduct**

180solutions instituted the enclosed Distributor Code of Conduct to clearly identify the responsibility of software developers who include our advertising software to not only conduct their business in a manner which provides consumers notice and control, but also to ensure that their third party affiliate Web sites also promote the download of their applications in a manner which provides consumers this same level of notice and control or face severe financial penalties.

• Conducted a third party audit of our distributors and their third party affiliate Web sites

To verify that all of 180solutions' distributors were complying with our contract and Distributor Code of Conduct, we hired VeriTest, a nationally-recognized software testing organization to test direct and third party affiliate distribution partners. 180solutions will continue to do audits going forward on a regular basis to ensure continued compliance by our distributors.

• Simplified the uninstall process for our advertising software
In response to user feedback to our technical support staff, we simplified the process to uninstall our software. Though our software has always been removable directly through the standard uninstall method available through Microsoft Windows operating system, we redesigned the process to make it easier and faster to uninstall, reducing the amount of steps required by more than half. As a result, our technical support inquiries have dropped by 90 percent.

Additionally, based on user feedback, we have stopped the practice of using ActiveX advertisements and have focused on alternative methods to promote our distributors and our software.

Despite our best intentions and actions to ensure that all of our distributors and their affiliates comply with our Code of Conduct, we have recently learned through one of our distributors that one of their affiliates had used deceptive practices to download the 180search assistant, a version of our advertising software. In this instance, it appears that Aztec Marketing, through their Web site Ilookup.com, exploited a security hole in Microsoft's Internet Explorer to install our software along with others without our knowledge and consent and most importantly, without users' knowledge and consent.

180solutions does not condone this activity in any form and we emphatically condemn the deceptive acts of Aztec Marketing. Since this is a clear breach of contract, as well as a clear violation of our Distributor Code of Conduct, we have initiated a lawsuit as called for in our Code of Conduct.

As a result of this finding, 180solutions has committed to improve our technology to prevent this from happening again. We will build into our software the means to confirm the intent of users to install our application in addition to the distributor's application, as well as tools to contact potentially afflicted users of compromised distribution channels and enhancements which will enable us to proactively detect fraudulent distributors. Of course, we will continue to aggressively enforce our Distributor Code of Conduct including litigating when necessary.

We write to you because of your work within this industry to develop best practices and because of your efforts to identify and enforce against practices that threaten the privacy of consumers. We would like to collaborate with you and your organization in order to curb abuses in online marketing so that all consumers' experiences are positive. We appreciate your leadership in this area and look forward to continuing to work with you to stop negative practices and toward creating best practices for this growing industry.

Sincerely,

Keith Smith
CEO, Founder

enclosed: Distributor Code of Conduct

cc: Mr. Ari Schwartz, CDT

180solutions, Inc
Distribution Code of Conduct Agreement

This Code of Conduct Agreement ("Agreement") is entered into as of _____, by and between 180solutions, Inc., a Washington corporation (**180solutions**), and _____ a _____ corporation (**Distributor**). This Agreement shall append any existing agreements between the two parties.

As detailed in the Distribution Agreement Distributor has with 180solutions, Distributor agrees to notify users about the installation of 180search Assistant before installing the application on the end user's computer and to give such end user an effective method of avoiding installation. 180solutions reserves the right to approve final wording of this notification and to require periodic changes as necessitated by changes to 180search Assistant or for other business reasons. Each installation of 180search Assistant by Distributor must include and be subject to 180solutions End User License Agreement (EULA), and Distributor must obtain the informed consent from the end user to such EULA prior to installation.

Distributor is responsible for the actions of their partners and affiliates and will ensure that appropriate messaging and EULA acceptance precedes every installation that is credited to their account. If the Distributor discovers a partner or affiliate is in violation of these requirements the Distributor agrees to call such action to the attention of 180solutions and to immediately terminate distribution with that partner or affiliate. If 180solutions discovers independently that the Distributor, their partner or affiliate has failed to provide appropriate notification and EULA acceptance, in 180solutions' sole discretion, 180solutions may withhold payment for the current month's installations, terminate the distribution agreement or any other agreements between the parties, with cause, and take legal action against the Distributor, their partner, or affiliate to recover damages. The foregoing shall in no way limit the legal or equitable rights or remedies available to 180solutions in connection with a violation of the above requirements, or otherwise.

180solutions, Inc. Distributor

By: By:
Name: Stan Monlux Name:
Title: Director, Business Development Title:

Date: Date:
Address: Address:
3600 136th Place SE
Bellevue, Washington
98006
Fax: 425-279-1199 Fax:

Appendix C: VeriTest May 2004 Audit

Report	**Project**	**Date**
Daily Report	**180solutions – Distribution Testing**	**May 13, 2004**

Status

- Test Planning (including Distributor research) began on May 10th and continued through May 11th with a single Test Lead.
- The Test Setup phase began on May 12th with one Test Lead and three Test Engineers. This set up day actually became a day of further research of the Distributors and Affiliates.
- Test Execution began on May 13th with the test bed set up originally planned for May 12th with one Test Lead and three Test Engineers

Major Points

- Researching the Affiliates for the four Distributors has turned out to be much more difficult than originally anticipated. In our investigation of forums, chat rooms, message boards, etc. we can find lots of information about how to remove installations of adware installed by the Distributors and Affiliates but not many clear paths to get the adware installed. At this point we have identified approximately 60 different methods of getting installs from these Distributors identified by 180solutions and their Affiliates.
- Some of our research so far has overlapped. Through research on different Distributors, we wind up with the same Affiliates websites and downloadable products. Following information about one Distributor has lead us to the same Affiliate information as other Distributors.
- Because of the added research we've completed up front, we will not complete machine set up until today, which is also the first day of testing.
- We've gotten approximately 30 machines currently set up and ready to test with. Tomorrow we will kick off tests on these 30 and then continue with research and further machine set up.

Critical Issues

- No critical issues today.

Distributors/Affiliates/Methods Tested

The following table lists the Distributors, their Affiliates found during research and the methods of installation of the Distributors' or Affiliates' software. If the 180 Search Assistant is installed, the Distributor ID number will be shown below; if it is not then "No" will be shown.

Note: Items will be added to this list as research finds different Affiliates. If the install method is found to be different or in a different location those differences will be recorded here.

Mindseti **(Dist ID #'s 167,321,322)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	ADF Software	Download Hangman 1.1	http://www.downloads.com			
2	ADF Software	Download Stephen Hawking's Pro Wheelchairing 1.0	http://www.downloads.com			

3	ADF Software	Download 150 Free Wallpapers 2.0	http://www.downloads.com			
4	ADF Software	Download Spid the Spider 1.1	http://www.downloads.com			
5	ADF Software	Download Tomato Catcher 1.1	http://www.downloads.com			
6	Jazmine Productions	Download Falling Bricks 1.3	http://www.downloads.com			
7	Jazmine Productions	Download PacMonster 1.0	http://www.downloads.com			
8	ADF Software	Download Ping - The Sequel to Pong 1.1.6	http://www.downloads.com			
9	ADF Software	Download Bird Hunter 1.2	http://www.downloads.com			
10	Jazmine Productions	Download Invaders 1.0	http://www.downloads.com			
11	ADF Software	Download Molecular Bonds 1.0	http://www.downloads.com			
12	ADF Software	Download Martyrdom Dungeon 1.2	http://www.downloads.com			
13	Jazmine Productions	Download Word Blast 2.0	http://www.downloads.com			
14	Jazmine Productions	Download EyeFlex	http://www.jazmineproductions.com/			
15	Jazmine Productions	Download Kaboom! 2004	http://www.jazmineproductions.com/			
16	Jazmine Productions	Download Millipede	http://www.jazmineproductions.com/			
17	Jazmine Productions	Download Snake XP	http://www.jazmineproductions.com/			
18	Jazmine Productions	Download UFO Command	http://www.jazmineproductions.com/			
19	ADF Software	Download DoStuff 1.2	http://www.free-windows-games.com			
20	ADF Software	Download Adventure	http://www.free-windows-games.com			
21	ADF Software	Download Helicopter Escape	http://www.free-windows-games.com			
22	ADF Software	Download UFO II	http://www.free-windows-games.com			
23	ADF Software	Download UFO III	http://www.free-windows-games.com			
24	ADF Software	Download Prisims of Light 2	http://www.free-windows-games.com			
25	ADF Software	Download Hot Air	http://www.free-windows-games.com			
26	ADF Software	Download Runner	http://www.free-windows-games.com			
27	ADF Software	Download Crash	http://www.free-windows-games.com			
28	ADF Software	Download Re-Action	http://www.free-windows-games.com			
29	1000funnyvideos.com	Download Video Downloads	http://www.1000funnyvideos.com			
30	Better Internet	Download Clean Get-Away	http://www.abetterinternet.com			
31	Better Internet	Download My Panic Button	http://www.abetterinternet.com			
32	Better Internet	Download Netturbo	http://www.abetterinternet.com			
33	dancingbit.com	Download Dynamic Desktops	http://www.dancingbits.com			
34	dancingbit.com	Download Sexy Desktop	http://www.dancingbits.com			
35	NetPalGames.com	Download Swarm	http://netpalgames.com/			
36	NetPalGames.co	Download Ricochet	http://netpalgames.co			

#	Affiliate	Method	Location			
	m	Xtreme	m/			
37	NetPalGames.com	Download The Walls of Jericho	http://netpalgames.com/			
38	NetPalGames.com	Download Aqua Bubble	http://netpalgames.com/			
39	NetPalGames.com	Download Crimsonland	http://netpalgames.com/			
40	NetPalGames.com	Download Air Strike 3D	http://netpalgames.com/			
41	NetPalGames.com	Download Solitaire	http://netpalgames.com/			
42	NetPalGames.com	Download Five Card Frenzy	http://netpalgames.com/			
43	NetPalGames.com	Download Mahjong Towers II	http://netpalgames.com/			
44	Not known	Download Lycos Sidesearch	http://install.sidesearch.lycos.com/install/default.asp			
45	Not known	Download Golden Retriever	http://www.shopathomeselect.com			
46	Not known	Download Incredifind	http://www.incredifind.com/pp.cfm			

Internext AKA ABCsearch **(Dist ID #'s 543,560,670,766)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	eZula	Download TopText iLookup	http://www.ezula.com/address/download/jump.html			
2	Spidersearch	Spidersearch Toolbar	http://www.spidersearch.com/faq.html			
3	Click2Find	Install Click2Find Toolbar	http://click2findnow.com/			

LoudMarketing **(Dist ID # 378)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	Flingstone	Active X Install	http://www2.flingstone.com			
2	Freeze.com	Active X Install	http://freeze.com			
3	SearchBarCash.com	Active X Install	http://searchbarcash.com			
4	SandraLyrics	Active X Install	http://sandralyrics.com			
5	IceLyrics	Active X Install	http://icelyrics.com			
6	ImAShare	Active X Install	http://imashare.com			
7	Skoobidoo	Active X Install	http://skoobidoo.com			

IE Plugin **(Dist ID # 495)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	IE Plugin	Active X Install	http://www.ieplugin.com			
2		Active X Install	http://69.56.176.78/webplugin.cab			

3	NegativeBeats.com	Active X Install	http://www.negativebeats.com			
4	LyricsDomain.com	Active X Install	http://www.lyricsdomain.com			
5	MusicSongLyrics.com	Active X Install	http://www.musicsonglyrics.com			
6	Exacta Advertising	BarginBuddy Active X Install	http://www.exactadvertising.com			

Issues

Issues uncovered during testing with 180 Search Assistant installs; which have "Opt In" correctly, which don't, etc.

- Today was focused on test machine set up so no issues seen yet.

Goals for May 14, 2004

- Get approximately 30 machines running the first round of tests.
- Further research of Distributors and Affiliates for more test scenarios.
- Set up more test machines to increase the number of tests running.

Rich Parker
Test Lead
Veritest
richard_parker@veritest.com
425-468-1621

Report	Project	Date
Daily Report	**180solutions – Distribution Testing**	**May 14, 2004**

Status

- Resources used for testing / test setup: 1 Test Lead, 3 Test Engineers.
- Tests/machines currently running: 32
- Tests/machines completed: 0

Major Points

- The Spidersearch toolbar (Spidersearch is an Affiliate of ABCSearch) is a porn toolbar and will not be tested by VeriTest at this time.

- We've also discovered that ABCSearch made a deal with Sex.com in May of 2002, so it's possible there will be other items for this Distributor that we will not be testing. You can find the article at http://www.rawadult.com/modules/news/article.php?storyid=245

- Two items for Mindset were unable to be downloaded at this time because of a page not found error (404). These are NetPal Games Air trike 3D, and the Incredifind toolbar.

- As of Monday, May 17th, Seth Ruymen will take over leadership of the project at VeriTest. Seth can be reached on 425.709.2198 and at seth.ruymen@veritest.com.

Critical Issues

- No critical issues today.

Distributors/Affiliates/Methods Tested

The following table lists the Distributors, their Affiliates found during research and the methods of installation of the Distributors' or Affiliates' software. If the 180 Search Assistant is installed, the Distributor ID number will be shown below; if it is not then "No" will be shown.

Note: Items will be added to this list as research finds different Affiliates. If the install method is found to be different or in a different location those differences will be recorded here.

<u>Mindseti</u> **(Dist ID #'s 167,321,322)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	ADF Software	Download Hangman 1.1	http://www.downloads.com	2K/IE6		
2	ADF Software	Download Stephen Hawking's Pro Wheelchairing 1.0	http://www.downloads.com	2K/IE6		
3	ADF Software	Download 150 Free Wallpapers 2.0	http://www.downloads.com	XP/IE6		
4	ADF Software	Download Spid the Spider 1.1	http://www.downloads.com	XP/IE6		
5	ADF Software	Download Tomato Catcher 1.1	http://www.downloads.com	XP/IE6		
6	Jazmine Productions	Download Falling Bricks 1.3	http://www.downloads.com	XP/IE6		
7	Jazmine Productions	Download PacMonster 1.0	http://www.downloads.com	XP/IE6		
8	ADF Software	Download Ping - The Sequel to Pong 1.1.6	http://www.downloads.com	XP/IE6		
9	ADF Software	Download Bird Hunter 1.2	http://www.downloads.com	XP/IE6		
10	Jazmine Productions	Download Invaders 1.0	http://www.downloads.com	XP/IE6		
11	ADF Software	Download Molecular Bonds 1.0	http://www.downloads.com			
12	ADF Software	Download Martyrdom Dungeon 1.2	http://www.downloads.com			
13	Jazmine Productions	Download Word Blast 2.0	http://www.downloads.com			
14	Jazmine Productions	Download EyeFlex	http://www.jazmineproductions.com/			
15	Jazmine Productions	Download Kaboom! 2004	http://www.jazmineproductions.com/			
16	Jazmine Productions	Download Millipede	http://www.jazmineproductions.com/			
17	Jazmine Productions	Download Snake XP	http://www.jazmineproductions.com/			
18	Jazmine Productions	Download UFO Command	http://www.jazmineproductions.com/			
19	ADF Software	Download DoStuff 1.2	http://www.free-windows-games.com			
20	ADF Software	Download Adventure	http://www.free-windows-games.com			
21	ADF Software	Download Helicopter Escape	http://www.free-windows-games.com			
22	ADF Software	Download UFO II	http://www.free-windows-games.com			
23	ADF Software	Download UFO III	http://www.free-windows-games.com			
24	ADF Software	Download Prisims of Light 2	http://www.free-windows-games.com			

25	ADF Software	Download Hot Air	http://www.free-windows-games.com			
26	ADF Software	Download Runner	http://www.free-windows-games.com			
27	ADF Software	Download Crash	http://www.free-windows-games.com			
28	ADF Software	Download Re-Action	http://www.free-windows-games.com			
29	1000funnyvideos.com	Download Video Downloads	http://www.1000funnyvideos.com			
30	Better Internet	Download Clean Get-Away	http://www.abetterinternet.com			
31	Better Internet	Download My Panic Button	http://www.abetterinternet.com			
32	Better Internet	Download Netturbo	http://www.abetterinternet.com			
33	dancingbit.com	Download Dynamic Desktops	http://www.dancingbits.com			
34	dancingbit.com	Download Sexy Desktop	http://www.dancingbits.com			
35	NetPalGames.com	Download Swarm	http://netpalgames.com/			
36	NetPalGames.com	Download Ricochet Xtreme	http://netpalgames.com/	XP/IE 6		
37	NetPalGames.com	Download The Walls of Jericho	http://netpalgames.com/	XP/IE 6		
38	NetPalGames.com	Download Aqua Bubble	http://netpalgames.com/	XP/IE 6		
39	NetPalGames.com	Download Crimsonland	http://netpalgames.com/	XP/IE 6		
~~40~~	~~NetPalGames.com~~	~~Download Air Strike 3D~~	~~http://netpalgames.com/~~	Unable to find down load (404 error)		
41	NetPalGames.com	Download Solitaire	http://netpalgames.com/	XP/IE 6		
42	NetPalGames.com	Download Five Card Frenzy	http://netpalgames.com/	XP/IE 6		
43	NetPalGames.com	Download Mahjong Towers II	http://netpalgames.com/	XP/IE 6		
44	Not known	Download Lycos Sidesearch	http://install.sidesearch.lycos.com/install/default.asp	XP/IE 6		
45	Not known	Download Golden Retriever	http://www.shopathomeselect.com	XP/IE 6		
~~46~~	~~Not known~~	~~Download Incredifind~~	~~http://www.incredifind.com/pp.cfm~~	Unable to find down load (404 error)		

Internext AKA ABCsearch **(Dist ID #'s 543,560,670,766)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	eZula	Download TopText iLookup	http://www.ezula.com/address/download/jump.html	2K/IE 6		
2	Spidersearch	Spidersearch Toolbar	http://www.spidersearch.com/faq.html			
3	Click2Find	Install Click2Find Toolbar	http://click2findnow.com/	XP/IE 6		

LoudMarketing **(Dist ID # 378)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	Flingstone	Active X Install	http://www2.flingstone.com			
2	Freeze.com	Active X Install	http://freeze.com	XP/IE 6		
3	SearchBarCash.com	Active X Install	http://searchbarcash.com			
4	SandraLyrics	Active X Install	http://sandralyrics.com			
5	IceLyrics	Active X Install	http://icelyrics.com			
6	ImAShare	Active X Install	http://imashare.com			
7	Skoobidoo	Active X Install	http://skoobidoo.com			
8	2020 Search	Active X Install	http://www.2020search.com	98/IE 6		
9	SmartGenie	Active X Install	http://www.smartgenie.com	2K/IE 6		
10	WhenUSearch	Sidefinder	http://www.whenusearch.com	XP/IE 6		
11	WhenUSearch	IE Toolbar	http://www.whenusearch.com	XP/IE 6		

IE Plugin **(Dist ID # 495)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	IE Plugin	Active X Install	http://www.ieplugin.com	2K/IE 6	495	
2		Active X Install	http://69.56.176.78/webplugin.cab	XP/IE 6		
3	NegativeBeats.com	Active X Install	http://www.negativebeats.com	98/IE 6		
4	LyricsDomain.com	Active X Install	http://www.lyricsdomain.com	98/IE 6		
5	MusicSongLyrics.com	Active X Install	http://www.musicsonglyrics.com	XP/IE 6		
6	Exacta Advertising	BarginBuddy Active X Install	http://www.exactadvertising.com			
7	LyricsDepot	Active X Install	http://www.lyricsdepot.com	XP/IE 6		

Issues uncovered during testing with 180 Search Assistant installs; which have "Opt In" correctly, which don't, etc.

1. Distributor – IE Plugin
    Affiliate – unknown (http://69.56.176.78)

    a. 180 Search installed without correct "opt in" process. Only notification is a dialog box with other software (see below).

    b. MSBB.exe seems to be running from C:\Windows\Prefetch

    c. Exe files are named: C:\WINDOWS\Prefetch\MSBB.EXE-0DF7DA82.pf
        and
        C:\WINDOWS\Prefetch\MSBBI.EXE-0269918D.pf
        There are no other files with msbb in the file name found on the machine at this time.

    d. No kyf.dat or log files located (thus no partner ID found).

2. Distributor – IE Plugin
    Affiliate – IE Plugin.com

    a. 180 Search installed without correct "opt in" process. Only notification is a dialog box with other software (similar to box shown in item 1 above).

    b. 180 Search is installed to C:\Winnt (on Win 2000 machine). msbb.exe, kyf.dat and all other files (including log files are located in Windows root directory). Partner ID is 168891745.

3. Distributor – IE Plugin
    Affiliate – lyricsdepot.com

    a. No notice at all about 180 Search Assistant being installed.

    b. Files are installed to C:\Windows\Prefetch.

c. Exe files are named: c:\windows\prefetch\MSBB.EXE-0DF7DA82.pf,
   c:\windows\prefetch\MSBB.EXE-01ADC7F7.pf
   and c:\windows\prefetch\MSBBI.EXE-0269918D.pf.

d. No kyf.dat, or log files found (thus no partner ID found).

Goals for May 17, 2004

- Check all running machine for after the fact silent installs, or reinstalls of 180 Search Assistant.
- Further research of Distributors and Affiliates for more test scenarios.

Rich Parker
Test Lead
Veritest
richard_parker@veritest.com
425-468-1621

Report	Project	Date
Daily Report	**180solutions – Distribution Testing**	**May 17, 2004**

Status

- Resources used for testing / test setup: 1 Test Lead, 3 Test Engineers.
- Tests/machines currently running: 25
- Tests/machines completed: 32

Major Points

- iSearchTech (IST) appears to be an affiliate (or possible distributor) that uses a drive by download to install msbb.exe on a partner machine. This occurred with their "adult" toolbar, and as such we will be unable to continue further research. The distributor and partner IDs, however, have been listed below in "Issues: #4".

- Out of the 32 running test machines on those relating to the IE plugin appeared to install 180 Solutions software. In those installs, none of them had correct opt in statements. Updates to the "Issues" list have included the partner and distributor IDs for each of these installs.

Critical Issues

- No critical issues today.

Distributors/Affiliates/Methods Tested

The following table lists the Distributors, their Affiliates found during research and the methods of installation of the Distributors' or Affiliates' software. If the 180 Search Assistant is installed, the Distributor ID number will be shown below; if it is not then "No" will be shown.

Note: Items will be added to this list as research finds different Affiliates. If the install method is found to be different or in a different location those differences will be recorded here.

Mindseti **(Dist ID #'s 167,321,322)**

#	Affiliate	Method	Location	O/S Brows	180 Search	Opt In Offered

				er	Assistant Installed	(yes/no)
1	ADF Software	Download Hangman 1.1	http://www.downloads.com	2K/IE6	No	No
2	ADF Software	Download Stephen Hawking's Pro Wheelchairing 1.0	http://www.downloads.com	2K/IE6	No	No
3	ADF Software	Download 150 Free Wallpapers 2.0	http://www.downloads.com	XP/IE6	No	No
4	ADF Software	Download Spid the Spider 1.1	http://www.downloads.com	XP/IE6	No	No
5	ADF Software	Download Tomato Catcher 1.1	http://www.downloads.com	XP/IE6	No	No
6	Jazmine Productions	Download Falling Bricks 1.3	http://www.downloads.com	XP/IE6	No	No
7	Jazmine Productions	Download PacMonster 1.0	http://www.downloads.com	XP/IE6	No	No
8	ADF Software	Download Ping - The Sequel to Pong 1.1.6	http://www.downloads.com	XP/IE6	No	No
9	ADF Software	Download Bird Hunter 1.2	http://www.downloads.com	XP/IE6	No	No
10	Jazmine Productions	Download Invaders 1.0	http://www.downloads.com	XP/IE6	No	No
11	ADF Software	Download Molecular Bonds 1.0	http://www.downloads.com			
12	ADF Software	Download Martyrdom Dungeon 1.2	http://www.downloads.com	XP/IE6		
13	Jazmine Productions	Download Word Blast 2.0	http://www.downloads.com	XP/IE6		
14	Jazmine Productions	Download EyeFlex	http://www.jazmineproductions.com/	2k/IE6		
15	Jazmine Productions	Download Kaboom! 2004	http://www.jazmineproductions.com/	XP/IE6		
16	Jazmine Productions	Download Millipede	http://www.jazmineproductions.com/	XP/IE6		
17	Jazmine Productions	Download Snake XP	http://www.jazmineproductions.com/	2k/IE6		
18	Jazmine Productions	Download UFO Command	http://www.jazmineproductions.com/	XP/IE6		
19	ADF Software	Download DoStuff 1.2	http://www.free-windows-games.com	XP/IE6		
20	ADF Software	Download Adventure	http://www.free-windows-games.com	XP/IE6		
21	ADF Software	Download Helicopter Escape	http://www.free-windows-games.com	XP/IE6		
22	ADF Software	Download UFO II	http://www.free-windows-games.com	Me/IE6		
23	ADF Software	Download UFO III	http://www.free-windows-games.com	XP/IE6		
24	ADF Software	Download Prisims of Light 2	http://www.free-windows-games.com	XP/IE6		
25	ADF Software	Download Hot Air	http://www.free-windows-games.com	2K/IE6		
26	ADF Software	Download Runner	http://www.free-windows-games.com	XP/IE6		
27	ADF Software	Download Crash	http://www.free-windows-games.com	XPH/IE6		
28	ADF Software	Download Re-Action	http://www.free-windows-games.com	2K/IE6		
29	1000funnyvideos.com	Download Video Downloads	http://www.1000funnyvideos.com	2K/IE6		
30	Better Internet	Download Clean Get-Away	http://www.abetterinternet.com	98/IE6		
31	Better Internet	Download My Panic Button	http://www.abetterinternet.com	XP/IE6		

				XP/IE		
32	Better Internet	Download Netturbo	http://www.abetterinter net.com	XP/IE 6		
33	dancingbit.com	Download Dynamic Desktops	http://www.dancingbits. com	98/IE6		
34	dancingbit.com	Download Sexy Desktop	http://www.dancingbits. com	2k/IE6		
35	NetPalGames.co m	Download Swarm	http://netpalgames.co m/	XP/IE 6		
36	NetPalGames.co m	Download Ricochet Xtreme	http://netpalgames.co m/	XP/IE 6	No	No
37	NetPalGames.co m	Download The Walls of Jericho	http://netpalgames.co m/	XP/IE 6	No	No
38	NetPalGames.co m	Download Aqua Bubble	http://netpalgames.co m/	XP/IE 6	No	No
39	NetPalGames.co m	Download Crimsonland	http://netpalgames.co m/	XP/IE 6	No	No
40	~~NetPalGames.co m~~	~~Download Air Strike 3D~~	~~http://netpalgames.co m/~~	Unable to find down load (404 error)		
41	NetPalGames.co m	Download Solitaire	http://netpalgames.co m/	XP/IE 6	No	No
42	NetPalGames.co m	Download Five Card Frenzy	http://netpalgames.co m/	XP/IE 6	No	No
43	NetPalGames.co m	Download Mahjong Towers II	http://netpalgames.co m/	XP/IE 6	No	No
44	Not known	Download Lycos Sidesearch	http://install.sidesearch .lycos.com/install/defau lt.asp	XP/IE 6	No	No
45	Not known	Download Golden Retriever	http://www.shopathom eselect.com	XP/IE 6	No	No
46	~~Not known~~	~~Download Incredifind~~	~~http://www.incredifind.c om/pp.cfm~~	Unable to find down load (404 error)		

Internext AKA ABCsearch **(Dist ID #'s 543,560,670,766)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	eZula	Download TopText iLookup	http://www.ezula.com/address/download/jump.html	2K/IE 6	No	No
2	~~Spidersearch~~	~~Spidersearch Toolbar~~	~~http://www.spidersearch.com/faq.html~~	Adult Toolbar		
3	Click2Find	Install Click2Find Toolbar	http://click2findnow.com/	XP/IE 6	No	No

LoudMarketing **(Dist ID # 378)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	Flingstone	Active X Install	http://www2.flingstone.com	No Download Available		
2	Freeze.com	Active X Install	http://freeze.com	XP/IE 6	No	No
3	SearchBarCash.com	Active X Install	http://searchbarcash.com	No Download Available		
4	SandraLyrics	Active X Install	http://sandralyrics.com	Redirect to LyricsDomain.		
5	IceLyrics	Active X Install	http://icelyrics.com	No Download Available		
6	ImAShare	Active X Install	http://imashare.com	No Download Available		
7	Skoobidoo	Active X Install	http://skoobidoo.com	No Download Available		
8	2020 Search	Active X Install	http://www.2020search.com	98/IE 6	No	No
9	SmartGenie	Active X Install	http://www.smartgenie.com	2K/IE 6	No	No
10	WhenUSearch	Sidefinder	http://www.whenusearch.com	XP/IE 6	No	No
11	WhenUSearch	IE Toolbar	http://www.whenusearch.com	XP/IE 6	No	No

IE Plugin **(Dist ID # 495)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	IE Plugin	Active X Install	http://www.ieplugin.com	2K/IE 6	495	No
2		Active X Install	http://69.56.176.78/webplugin.cab	XP/IE 6	495	No
3	NegativeBeats.com	Active X Install	http://www.negativebeats.com	98/IE 6	No	No
4	LyricsDomain.com	Active X Install	http://www.lyricsdomain.com	98/IE 6	No	No
5	MusicSongLyrics.com	Active X Install	http://www.musicsonglyrics.com	XP/IE 6	No	No
6	~~Exacta Advertising~~	~~BarginBuddy Active X Install~~	~~http://www.exactadvertising.com~~	No available download.		
7	LyricsDepot	Active X Install	http://www.lyricsdepot.com	XP/IE 6	495	No

Issues uncovered during testing with 180 Search Assistant installs; which have "Opt In" correctly, which don't, etc.

4. Distributor – IE Plugin (Distributor ID 495)
   Affiliate – unknown (http://69.56.176.78)

   a. 180 Search installed without correct "opt in" process. Only notification is a dialog box with other software (see below).

   b. MSBB.exe seems to be running from C:\Windows\Prefetch

   c. Exe files are named: C:\WINDOWS\Prefetch\MSBB.EXE-0DF7DA82.pf
      and
      C:\WINDOWS\Prefetch\MSBBI.EXE-0269918D.pf
      There are no other files with msbb in the file name found on the machine at this time.

   d. Update: Partner ID is 168897707

5. Distributor – IE Plugin (Distributor ID 495)
   Affiliate – IE Plugin.com

   a. 180 Search installed without correct "opt in" process. Only notification is a dialog box with other software (similar to box shown in item 1 above).

   b. 180 Search is installed to C:\Winnt (on Win 2000 machine). msbb.exe, kyf.dat and all other files (including log files are located in Windows root directory). Partner ID is 168891745.

6. Distributor – IE Plugin (Distributor ID 495)
   Affiliate – lyricsdepot.com

   a. No notice at all about 180 Search Assistant being installed.

   b. Files are installed to C:\Windows\Prefetch.

    c. Exe files are named: c:\windows\prefetch\MSBB.EXE-0DF7DA82.pf, c:\windows\prefetch\MSBB.EXE-01ADC7F7.pf and c:\windows\prefetch\MSBBI.EXE-0269918D.pf.

    d. Update: Partner ID is 168903856.

7. Distributor – Unknown (Distributor ID 498)
   Affiliate – iSearchTech

    a. No notice at all about 180 Search Assistant being installed.

    b. Exe files are named: msbb.exe.

    c. Files located in C:\Program Files\180 Solutions. Partner ID is 171175274

    d. Installation occurred during a "drive by" of the IST "adult toolbar". The non-adult bar by IST (named Slotchbar) does not appear to install msbb.exe at this time.

Goals for May 18, 2004

- Continue to check all running machine for after the fact silent installs, or reinstalls of 180 Search Assistant.
- Further research of Distributors and Affiliates for more test scenarios.

Seth Ruymen
Test Lead
Veritest
Seth_Ruymen@veritest.com
425-709-2198

Report	Project	Date
Daily Report	**180solutions – Distribution Testing**	**May 18, 2004**

Status

- Resources used for testing / test setup: 1 Test Lead, 3 Test Engineers.
- Tests/machines currently running: 25
- Tests/machines completed: 32

Major Points

- NetPalOffers (#47) has been added as a possible Mindseti affiliate.

- 25 test machines are currently running with installed affiliate software. After today's first check-up on these machines, we were unable to find any 180 Solutions software running on the local box. The final check for these machines will be completed tomorrow morning.

- The three (3) IE Plugin machines that installed msbb.exe have been checked today and did not appear to change their current Partner IDs. The info present in the log.bak.txt is the same as when initially installed.

Critical Issues

- No critical issues today.

Distributors/Affiliates/Methods Tested

The following table lists the Distributors, their Affiliates found during research and the methods of installation of the Distributors' or Affiliates' software. If the 180 Search Assistant is installed, the Distributor ID number will be shown below; if it is not then "No" will be shown.

Note: Items will be added to this list as research finds different Affiliates. If the install method is found to be different or in a different location, those differences will be recorded here.

<u>Mindseti</u> **(Dist ID #'s 167,321,322)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	ADF Software	Download Hangman 1.1	http://www.downloads.com	2K/IE 6	No	No
2	ADF Software	Download Stephen Hawking's Pro Wheelchairing 1.0	http://www.downloads.com	2K/IE 6	No	No
3	ADF Software	Download 150 Free Wallpapers 2.0	http://www.downloads.com	XP/IE 6	No	No
4	ADF Software	Download Spid the Spider 1.1	http://www.downloads.com	XP/IE 6	No	No
5	ADF Software	Download Tomato Catcher 1.1	http://www.downloads.com	XP/IE 6	No	No
6	Jazmine Productions	Download Falling Bricks 1.3	http://www.downloads.com	XP/IE 6	No	No
7	Jazmine Productions	Download PacMonster 1.0	http://www.downloads.com	XP/IE 6	No	No
8	ADF Software	Download Ping - The Sequel to Pong 1.1.6	http://www.downloads.com	XP/IE 6	No	No
9	ADF Software	Download Bird Hunter 1.2	http://www.downloads.com	XP/IE 6	No	No
10	Jazmine Productions	Download Invaders 1.0	http://www.downloads.com	XP/IE 6	No	No
11	ADF Software	Download Molecular Bonds 1.0	http://www.downloads.com	XP/IE 6	No	No
12	ADF Software	Download Martyrdom Dungeon 1.2	http://www.downloads.com	XP/IE 6	No	No
13	Jazmine Productions	Download Word Blast 2.0	http://www.downloads.com	XP/IE 6	No	No
14	Jazmine Productions	Download EyeFlex	http://www.jazmineproductions.com/	2k/IE 6	No	No
15	Jazmine Productions	Download Kaboom! 2004	http://www.jazmineproductions.com/	XP/IE 6	No	No
16	Jazmine Productions	Download Millipede	http://www.jazmineproductions.com/	XP/IE 6	No	No
17	Jazmine Productions	Download Snake XP	http://www.jazmineproductions.com/	2k/IE 6	No	No
18	Jazmine Productions	Download UFO Command	http://www.jazmineproductions.com/	XP/IE 6	No	No
19	ADF Software	Download DoStuff 1.2	http://www.free-windows-games.com	XP/IE 6	No	No
20	ADF Software	Download Adventure	http://www.free-windows-games.com	XP/IE 6	No	No
21	ADF Software	Download Helicopter Escape	http://www.free-windows-games.com	XP/IE 6	No	No
22	ADF Software	Download UFO II	http://www.free-windows-games.com	Me/IE 6	No	No
23	ADF Software	Download UFO III	http://www.free-windows-games.com	XP/IE 6	No	No
24	ADF Software	Download Prisims of Light 2	http://www.free-windows-games.com	XP/IE 6	No	No
25	ADF Software	Download Hot Air	http://www.free-windows-games.com	2K/IE 6	No	No

26	ADF Software	Download Runner	http://www.free-windows-games.com	XP/IE 6	No	No
27	ADF Software	Download Crash	http://www.free-windows-games.com	XPH/IE6	No	No
28	ADF Software	Download Re-Action	http://www.free-windows-games.com	2K/IE 6	No	No
29	1000funnyvideos.com	Download Video Downloads	http://www.1000funnyvideos.com	2K/IE 6	No	No
30	Better Internet	Download Clean Get-Away	http://www.abetterinternet.com	98/IE6	No	No
31	Better Internet	Download My Panic Button	http://www.abetterinternet.com	XP/IE 6	No	No
32	Better Internet	Download Netturbo	http://www.abetterinternet.com	XP/IE 6	No	No
33	dancingbit.com	Download Dynamic Desktops	http://www.dancingbits.com	98/IE6	No	No
34	dancingbit.com	Download Sexy Desktop	http://www.dancingbits.com	2k/IE6	No	No
35	NetPalGames.com	Download Swarm	http://netpalgames.com/	XP/IE 6	No	No
36	NetPalGames.com	Download Ricochet Xtreme	http://netpalgames.com/	XP/IE 6	No	No
37	NetPalGames.com	Download The Walls of Jericho	http://netpalgames.com/	XP/IE 6	No	No
38	NetPalGames.com	Download Aqua Bubble	http://netpalgames.com/	XP/IE 6	No	No
39	NetPalGames.com	Download Crimsonland	http://netpalgames.com/	XP/IE 6	No	No
~~40~~	~~NetPalGames.com~~	~~Download Air Strike 3D~~	~~http://netpalgames.com/~~	Unable to find down load (404 error)		
41	NetPalGames.com	Download Solitaire	http://netpalgames.com/	XP/IE 6	No	No
42	NetPalGames.com	Download Five Card Frenzy	http://netpalgames.com/	XP/IE 6	No	No
43	NetPalGames.com	Download Mahjong Towers II	http://netpalgames.com/	XP/IE 6	No	No
44	Not known	Download Lycos Sidesearch	http://install.sidesearch.lycos.com/install/default.asp	XP/IE 6	No	No
45	Not known	Download Golden Retriever	http://www.shopathomeselect.com	XP/IE 6	No	No
~~46~~	~~Not known~~	~~Download Incredifind~~	~~http://www.incredifind.com/pp.cfm~~	Unable to find down load (404 error)		
47	NetpalOffers	Clear-search	Clear-search.com	XP/IE 6		

Internext AKA ABCsearch **(Dist ID #'s 543,560,670,766)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	eZula	Download TopText iLookup	http://www.ezula.com/address/download/jump.html	2K/IE 6	No	No
2	~~Spidersearch~~	~~Spidersearch Toolbar~~	~~http://www.spidersearch.com/faq.html~~	Adult Toolbar		
3	Click2Find	Install Click2Find Toolbar	http://click2findnow.com/	XP/IE 6	No	No

LoudMarketing **(Dist ID # 378)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	~~Flingstone~~	~~Active X Install~~	~~http://www2.flingstone.com~~	No Download Available		
2	Freeze.com	Active X Install	http://freeze.com	XP/IE 6	No	No
3	~~SearchBarCash.com~~	~~Active X Install~~	~~http://searchbarcash.com~~	No Download Available		
4	~~SandraLyrics~~	~~Active X Install~~	~~http://sandralyrics.com~~	Redirect to LyricsDomain.		
5	~~IceLyrics~~	~~Active X Install~~	~~http://icelyrics.com~~	No Download Available		
6	~~ImAShare~~	~~Active X Install~~	~~http://imashare.com~~	No Download Available		
7	~~Skoobidoo~~	~~Active X Install~~	~~http://skoobidoo.com~~	No Download Available		
8	2020 Search	Active X Install	http://www.2020search.com	98/IE 6	No	No
9	SmartGenie	Active X Install	http://www.smartgenie.com	2K/IE 6	No	No
10	WhenUSearch	Sidefinder	http://www.whenusearch.com	XP/IE 6	No	No
11	WhenUSearch	IE Toolbar	http://www.whenusearch.com	XP/IE 6	No	No

IE Plugin **(Dist ID # 495)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	IE Plugin	Active X Install	http://www.ieplugin.com	2K/IE 6	495	No
2		Active X Install	http://69.56.176.78/webplugin.cab	XP/IE 6	495	No
3	NegativeBeats.com	Active X Install	http://www.negativebeats.com	98/IE 6	No	No
4	LyricsDomain.com	Active X Install	http://www.lyricsdomain.com	98/IE 6	No	No
5	MusicSongLyrics.com	Active X Install	http://www.musicsonglyrics.com	XP/IE 6	No	No
6	~~Exacta Advertising~~	~~BarginBuddy Active X Install~~	~~http://www.exactadvertising.com~~	No available download.		
7	LyricsDepot	Active X Install	http://www.lyricsdepot.com	XP/IE 6	495	No

Issues uncovered during testing with 180 Search Assistant installs; which have "Opt In" correctly, which don't, etc.

8. Distributor – IE Plugin (Distributor ID 495)
   Affiliate – unknown (http://69.56.176.78)

   a. 180 Search installed without correct "opt in" process. Only notification is a dialog box with other software (see below).

   b. MSBB.exe seems to be running from C:\Windows\Prefetch

   c. Exe files are named: C:\WINDOWS\Prefetch\MSBB.EXE-0DF7DA82.pf
      and
      C:\WINDOWS\Prefetch\MSBBI.EXE-0269918D.pf
      There are no other files with msbb in the file name found on the machine at this time.

   d. Partner ID is 168897707

9. Distributor – IE Plugin (Distributor ID 495)
   Affiliate – IE Plugin.com

   a. 180 Search installed without correct "opt in" process. Only notification is a dialog box with other software (similar to box shown in item 1 above).

   b. 180 Search is installed to C:\Winnt (on Win 2000 machine). msbb.exe, kyf.dat and all other files (including log files are located in Windows root directory). Partner ID is 168891745.

10. Distributor – IE Plugin (Distributor ID 495)
    Affiliate – lyricsdepot.com

    a. No notice at all about 180 Search Assistant being installed.

    b. Files are installed to C:\Windows\Prefetch.

> c. Exe files are named: c:\windows\prefetch\MSBB.EXE-0DF7DA82.pf,
> c:\windows\prefetch\MSBB.EXE-01ADC7F7.pf
> and c:\windows\prefetch\MSBBI.EXE-0269918D.pf.
>
> d. Partner ID is 168903856.

11. Distributor – Unknown (Distributor ID 498)
    Affiliate – iSearchTech

> a. No notice at all about 180 Search Assistant being installed.
>
> b. Exe files are named: msbb.exe.
>
> c. Files located in C:\Program Files\180 Solutions. Partner ID is 171175274
>
> d. Installation occurred during a "drive by" of the IST "adult toolbar". The non-adult bar by IST (named Slotchbar) does not appear to install msbb.exe at this time.

Goals for May 19, 2004

- Continue to check all running machine for after the fact silent installs, or reinstalls of 180 Search Assistant.
- Further research of Distributors and Affiliates for more test scenarios.
- Wrap up testing.

Seth Ruymen
Test Lead
Veritest
Seth_Ruymen@veritest.com
425-709-2198

Report	Project	Date
Daily Report	**180solutions – Distribution Testing**	**May 19, 2004**

Status

- Resources used for testing / test setup: 1 Test Lead, 3 Test Engineers.
- Tests/machines currently running: 25
- Tests/machines completed: 32

Major Points

- 25 test machines are currently running with installed affiliate software. After today's second check-up, we were unable to find any 180 Solutions software running on the local box.

- The three (3) IE Plugin machines that installed msbb.exe have been checked today and did not appear to change their current Partner IDs. The info present in the log.bak.txt is the same as when initially installed.

- More possible Mindseti affiliates have been found and listed below. These are at this point untested:

48	TrekData	Active X Install	http://www.nuker.com/			
49	Wincognito	Download Privacy Suite	http://www.wincognito.com			
50	Wincognito	Download Pop up blocker	http://www.wincognito.			

#				com			
51	KMGI	Download eliminatespam!	http://eliminatespam.com/				
52	KMGI	Download PopUpBuster+	http://popupbuster.net/				
53	NetPal	Unknown	http://www.addictiveplay.com/				
54	NetPal	Download any product	http://www.mindseti.com/				

Critical Issues

- No critical issues today.

Distributors/Affiliates/Methods Tested

The following table lists the Distributors, their Affiliates found during research and the methods of installation of the Distributors' or Affiliates' software. If the 180 Search Assistant is installed, the Distributor ID number will be shown below; if it is not then "No" will be shown.

Note: Items will be added to this list as research finds different Affiliates. If the install method is found to be different or in a different location, those differences will be recorded here.

<u>Mindseti</u> **(Dist ID #'s 167,321,322)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	ADF Software	Download Hangman 1.1	http://www.downloads.com	2K/IE 6	No	No
2	ADF Software	Download Stephen Hawking's Pro Wheelchairing 1.0	http://www.downloads.com	2K/IE 6	No	No
3	ADF Software	Download 150 Free Wallpapers 2.0	http://www.downloads.com	XP/IE 6	No	No
4	ADF Software	Download Spid the Spider 1.1	http://www.downloads.com	XP/IE 6	No	No
5	ADF Software	Download Tomato Catcher 1.1	http://www.downloads.com	XP/IE 6	No	No
6	Jazmine Productions	Download Falling Bricks 1.3	http://www.downloads.com	XP/IE 6	No	No
7	Jazmine Productions	Download PacMonster 1.0	http://www.downloads.com	XP/IE 6	No	No
8	ADF Software	Download Ping - The Sequel to Pong 1.1.6	http://www.downloads.com	XP/IE 6	No	No
9	ADF Software	Download Bird Hunter 1.2	http://www.downloads.com	XP/IE 6	No	No
10	Jazmine Productions	Download Invaders 1.0	http://www.downloads.com	XP/IE 6	No	No
11	ADF Software	Download Molecular Bonds 1.0	http://www.downloads.com	XP/IE 6	No	No
12	ADF Software	Download Martyrdom Dungeon 1.2	http://www.downloads.com	XP/IE 6	No	No
13	Jazmine Productions	Download Word Blast 2.0	http://www.downloads.com	XP/IE 6	No	No
14	Jazmine Productions	Download EyeFlex	http://www.jazmineproductions.com/	2k/IE 6	No	No
15	Jazmine Productions	Download Kaboom! 2004	http://www.jazmineproductions.com/	XP/IE 6	No	No
16	Jazmine Productions	Download Millipede	http://www.jazmineproductions.com/	XP/IE 6	No	No
17	Jazmine Productions	Download Snake XP	http://www.jazmineproductions.com/	2k/IE 6	No	No
18	Jazmine Productions	Download UFO Command	http://www.jazmineproductions.com/	XP/IE 6	No	No

#	Source	Download	URL	OS/IE		
19	ADF Software	Download DoStuff 1.2	http://www.free-windows-games.com	XP/IE 6	No	No
20	ADF Software	Download Adventure	http://www.free-windows-games.com	XP/IE 6	No	No
21	ADF Software	Download Helicopter Escape	http://www.free-windows-games.com	XP/IE 6	No	No
22	ADF Software	Download UFO II	http://www.free-windows-games.com	Me/IE 6	No	No
23	ADF Software	Download UFO III	http://www.free-windows-games.com	XP/IE 6	No	No
24	ADF Software	Download Prisims of Light 2	http://www.free-windows-games.com	XP/IE 6	No	No
25	ADF Software	Download Hot Air	http://www.free-windows-games.com	2K/IE 6	No	No
26	ADF Software	Download Runner	http://www.free-windows-games.com	XP/IE 6	No	No
27	ADF Software	Download Crash	http://www.free-windows-games.com	XPH/IE6	No	No
28	ADF Software	Download Re-Action	http://www.free-windows-games.com	2K/IE 6	No	No
29	1000funnyvideos.com	Download Video Downloads	http://www.1000funnyvideos.com	2K/IE 6	No	No
30	Better Internet	Download Clean Get-Away	http://www.abetterinternet.com	98/IE6	No	No
31	Better Internet	Download My Panic Button	http://www.abetterinternet.com	XP/IE 6	No	No
32	Better Internet	Download Netturbo	http://www.abetterinternet.com	XP/IE 6	No	No
33	dancingbit.com	Download Dynamic Desktops	http://www.dancingbits.com	98/IE6	No	No
34	dancingbit.com	Download Sexy Desktop	http://www.dancingbits.com	2k/IE6	No	No
35	NetPalGames.com	Download Swarm	http://netpalgames.com/	XP/IE 6	No	No
36	NetPalGames.com	Download Ricochet Xtreme	http://netpalgames.com/	XP/IE 6	No	No
37	NetPalGames.com	Download The Walls of Jericho	http://netpalgames.com/	XP/IE 6	No	No
38	NetPalGames.com	Download Aqua Bubble	http://netpalgames.com/	XP/IE 6	No	No
39	NetPalGames.com	Download Crimsonland	http://netpalgames.com/	XP/IE 6	No	No
~~40~~	~~NetPalGames.com~~	~~Download Air Strike 3D~~	~~http://netpalgames.com/~~	Unable to find down load (404 error)		
41	NetPalGames.com	Download Solitaire	http://netpalgames.com/	XP/IE 6	No	No
42	NetPalGames.com	Download Five Card Frenzy	http://netpalgames.com/	XP/IE 6	No	No
43	NetPalGames.com	Download Mahjong Towers II	http://netpalgames.com/	XP/IE 6	No	No
44	Not known	Download Lycos Sidesearch	http://install.sidesearch.lycos.com/install/default.asp	XP/IE 6	No	No
45	Not known	Download Golden Retriever	http://www.shopathomeselect.com	XP/IE 6	No	No
~~46~~	~~Not known~~	~~Download Incredifind~~	~~http://www.incredifind.com/pp.cfm~~	Unable to find down load (404 error)		
47	NetpalOffers	Clear-search	Clear-search.com	XP/IE 6	No	No

Internext AKA ABCsearch **(Dist ID #'s 543,560,670,766)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	eZula	Download TopText iLookup	http://www.ezula.com/address/download/jump.html	2K/IE 6	No	No
2	~~Spidersearch~~	~~Spidersearch Toolbar~~	~~http://www.spidersearch.com/faq.html~~	Adult Toolbar		
3	Click2Find	Install Click2Find Toolbar	http://click2findnow.com/	XP/IE 6	No	No

LoudMarketing **(Dist ID # 378)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	~~Flingstone~~	~~Active X Install~~	~~http://www2.flingstone.com~~	No Download Available		
2	Freeze.com	Active X Install	http://freeze.com	XP/IE 6	No	No
3	~~SearchBarCash.com~~	~~Active X Install~~	~~http://searchbarcash.com~~	No Download Available		
4	~~SandraLyrics~~	~~Active X Install~~	~~http://sandralyrics.com~~	Redirect to LyricsDomain.		
5	~~IceLyrics~~	~~Active X Install~~	~~http://icelyrics.com~~	No Download Available		
6	~~ImAShare~~	~~Active X Install~~	~~http://imashare.com~~	No Download Available		
7	~~Skoobidoo~~	~~Active X Install~~	~~http://skoobidoo.com~~	No Download Available		
8	2020 Search	Active X Install	http://www.2020search.com	98/IE 6	No	No
9	SmartGenie	Active X Install	http://www.smartgenie.com	2K/IE 6	No	No
10	WhenUSearch	Sidefinder	http://www.whenusearch.com	XP/IE 6	No	No
11	WhenUSearch	IE Toolbar	http://www.whenusearch.com	XP/IE 6	No	No

IE Plugin **(Dist ID # 495)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	IE Plugin	Active X Install	http://www.ieplugin.com	2K/IE 6	495	No
2		Active X Install	http://69.56.176.78/webplugin.cab	XP/IE 6	495	No
3	NegativeBeats.com	Active X Install	http://www.negativebeats.com	98/IE 6	No	No
4	LyricsDomain.com	Active X Install	http://www.lyricsdomain.com	98/IE 6	No	No
5	MusicSongLyrics.com	Active X Install	http://www.musicsonglyrics.com	XP/IE 6	No	No
6	~~Exacta Advertising~~	~~BarginBuddy Active X Install~~	~~http://www.exactadvertising.com~~	No available download.		
7	LyricsDepot	Active X Install	http://www.lyricsdepot.com	XP/IE 6	495	No

Issues uncovered during testing with 180 Search Assistant installs; which have "Opt In" correctly, which don't, etc.

12. Distributor – IE Plugin (Distributor ID 495)
   Affiliate – unknown (http://69.56.176.78)

   a. 180 Search installed without correct "opt in" process. Only notification is a dialog box with other software (see below).

   b. MSBB.exe seems to be running from C:\Windows\Prefetch

   c. Exe files are named: C:\WINDOWS\Prefetch\MSBB.EXE-0DF7DA82.pf
   and
   C:\WINDOWS\Prefetch\MSBBI.EXE-0269918D.pf
   There are no other files with msbb in the file name found on the machine at this time.

   d. Partner ID is 168897707

13. Distributor – IE Plugin (Distributor ID 495)
   Affiliate – IE Plugin.com

   a. 180 Search installed without correct "opt in" process. Only notification is a dialog box with other software (similar to box shown in item 1 above).

   b. 180 Search is installed to C:\Winnt (on Win 2000 machine). msbb.exe, kyf.dat and all other files (including log files are located in Windows root directory). Partner ID is 168891745.

14. Distributor – IE Plugin (Distributor ID 495)
   Affiliate – lyricsdepot.com

   a. No notice at all about 180 Search Assistant being installed.

   b. Files are installed to C:\Windows\Prefetch.

      c. Exe files are named: c:\windows\prefetch\MSBB.EXE-0DF7DA82.pf,
          c:\windows\prefetch\MSBB.EXE-01ADC7F7.pf
          and c:\windows\prefetch\MSBBI.EXE-0269918D.pf.

      d. Partner ID is 168903856.

15. Distributor – Unknown (Distributor ID 498)
    Affiliate – iSearchTech

      a. No notice at all about 180 Search Assistant being installed.

      b. Exe files are named: msbb.exe.

      c. Files located in C:\Program Files\180 Solutions. Partner ID is 171175274

      d. Installation occurred during a "drive by" of the IST "adult toolbar". The non-adult bar by IST (named Slotchbar) does not appear to install msbb.exe at this time.

Goals for May 20, 2004

• Wrap up testing and write the final report.

Seth Ruymen
Test Lead
Veritest
Seth_Ruymen@veritest.com
425-709-2198

Report	Project	Date
Final Report	**180solutions – Distributor Troubleshooting**	**May 20, 2004**

Test Methodology (from the Test Strategy)

Through the use of individual machines in the lab, VeriTest tested each of the identified install methods from various Distributors and Affiliates. When existing lab machine were used, we verified that the appropriate operating system (Microsoft Windows 98(SE), Windows 2000 Professional, Windows XP Pro, and Windows XP Home) and removed and third-party software that may affect the current 180solutions project (by using existing machines we were able to save on setup time and get a cross section of supported Windows operating systems).

• **The tested method (download, website visit, or Active X) was tested on a single machine.**

• **If an "opt in" option was present for the 180 Search Assistant, VeriTest verified that it installs properly and record the partner ID assigned to the machine. If there did not appear to be an "opt in", we looked to see if the 180 Search Assistant was installed without the user's knowledge.**

- **The machine was then left running.**

- **After 24 hours, VeriTest checked the machine to see if 180 Search Assistant had been installed (if it hadn't been previously) and checked previous 180 Search Assistant installations to see if the partner ID had changed (assumption: reinstalls would change the partner ID).**

- **After approximately 48 hours, VeriTest checked the machine a second time for 180 Search Assistant installs.**

After this second check, assuming a problem was not uncovered, VeriTest cleared the previous software installs and used the machine for another test. If a problem was noted, VeriTest will supply 180solutions with the nature of the issue and specific steps to reproduce.

Major Points

- Out of the 68 affiliates tested, 4 installs came back positive for the inclusion of 180 Solutions Software; namely msbb.exe. These four affiliate installs appear to be under the distributor "IE Plugin", and at the time of accepting the ActiveX install did not display the correct opt in language needed for 180 Solutions. These machines were checked over a period of three days (including the install day), and at no time did the partner ID change.
- The remainder of the test machines, while including some form of ad software, did not appear to associate with 180 Solutions, ncase.exe, msbb.exe, or zango.exe at this time.
- The biggest difficulty during the project was attempting to find valid affiliate software that was directly related to the distributors under test. Loudmarketing, for example, ended up pointing to Blazefind or other search engine-type sites that did not have any ad displaying objects readily available. It felt like we were traveling in circles in some instances where we would end up back at the site we started on. Normal searching methods for these distributors usually lead to "how to remove" anti-adware sites.

Distributors, Affiliates, and Methods Tested

The following table lists the Distributors, their Affiliates found during research and the methods of installation of the Distributors' or Affiliates' software. If the 180 Search Assistant is installed, the Distributor ID number will be shown below; if it is not then "No" will be shown.

Note: Items will be added to this list as research finds different Affiliates. If the install method is found to be different or in a different location, those differences will be recorded here.

<u>Mindseti</u> **(Dist ID #'s 167,321,322)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	ADF Software	Download Hangman 1.1	http://www.downloads.com	2K/IE 6	No	No
2	ADF Software	Download Stephen Hawking's Pro Wheelchairing 1.0	http://www.downloads.com	2K/IE 6	No	No
3	ADF Software	Download 150 Free Wallpapers 2.0	http://www.downloads.com	XP/IE 6	No	No
4	ADF Software	Download Spid the Spider 1.1	http://www.downloads.com	XP/IE 6	No	No
5	ADF Software	Download Tomato Catcher 1.1	http://www.downloads.com	XP/IE 6	No	No
6	Jazmine Productions	Download Falling Bricks 1.3	http://www.downloads.com	XP/IE 6	No	No
7	Jazmine Productions	Download PacMonster 1.0	http://www.downloads.com	XP/IE 6	No	No
8	ADF Software	Download Ping - The Sequel to Pong 1.1.6	http://www.downloads.com	XP/IE 6	No	No
9	ADF Software	Download Bird Hunter 1.2	http://www.downloads.com	XP/IE 6	No	No
10	Jazmine	Download Invaders 1.0	http://www.downloads.	XP/IE	No	No

	Productions		com	6		
11	ADF Software	Download Molecular Bonds 1.0	http://www.downloads.com	XP/IE6	No	No
12	ADF Software	Download Martyrdom Dungeon 1.2	http://www.downloads.com	XP/IE6	No	No
13	Jazmine Productions	Download Word Blast 2.0	http://www.downloads.com	XP/IE6	No	No
14	Jazmine Productions	Download EyeFlex	http://www.jazmineproductions.com/	2k/IE6	No	No
15	Jazmine Productions	Download Kaboom! 2004	http://www.jazmineproductions.com/	XP/IE6	No	No
16	Jazmine Productions	Download Millipede	http://www.jazmineproductions.com/	XP/IE6	No	No
17	Jazmine Productions	Download Snake XP	http://www.jazmineproductions.com/	2k/IE6	No	No
18	Jazmine Productions	Download UFO Command	http://www.jazmineproductions.com/	XP/IE6	No	No
19	ADF Software	Download DoStuff 1.2	http://www.free-windows-games.com	XP/IE6	No	No
20	ADF Software	Download Adventure	http://www.free-windows-games.com	XP/IE6	No	No
21	ADF Software	Download Helicopter Escape	http://www.free-windows-games.com	XP/IE6	No	No
22	ADF Software	Download UFO II	http://www.free-windows-games.com	Me/IE6	No	No
23	ADF Software	Download UFO III	http://www.free-windows-games.com	XP/IE6	No	No
24	ADF Software	Download Prisims of Light 2	http://www.free-windows-games.com	XP/IE6	No	No
25	ADF Software	Download Hot Air	http://www.free-windows-games.com	2K/IE6	No	No
26	ADF Software	Download Runner	http://www.free-windows-games.com	XP/IE6	No	No
27	ADF Software	Download Crash	http://www.free-windows-games.com	XPH/IE6	No	No
28	ADF Software	Download Re-Action	http://www.free-windows-games.com	2K/IE6	No	No
29	1000funnyvideos.com	Download Video Downloads	http://www.1000funnyvideos.com	2K/IE6	No	No
30	Better Internet	Download Clean Get-Away	http://www.abetterinternet.com	98/IE6	No	No
31	Better Internet	Download My Panic Button	http://www.abetterinternet.com	XP/IE6	No	No
32	Better Internet	Download Netturbo	http://www.abetterinternet.com	XP/IE6	No	No
33	dancingbit.com	Download Dynamic Desktops	http://www.dancingbits.com	98/IE6	No	No
34	dancingbit.com	Download Sexy Desktop	http://www.dancingbits.com	2k/IE6	No	No
35	NetPalGames.com	Download Swarm	http://netpalgames.com/	XP/IE6	No	No
36	NetPalGames.com	Download Ricochet Xtreme	http://netpalgames.com/	XP/IE6	No	No
37	NetPalGames.com	Download The Walls of Jericho	http://netpalgames.com/	XP/IE6	No	No
38	NetPalGames.com	Download Aqua Bubble	http://netpalgames.com/	XP/IE6	No	No
39	NetPalGames.com	Download Crimsonland	http://netpalgames.com/	XP/IE6	No	No
40	~~NetPalGames.com~~	~~Download Air Strike 3D~~	~~http://netpalgames.com/~~	Unable to find down load (404 error)		
41	NetPalGames.com	Download Solitaire	http://netpalgames.com/	XP/IE6	No	No
42	NetPalGames.com	Download Five Card Frenzy	http://netpalgames.com/	XP/IE6	No	No
43	NetPalGames.com	Download Mahjong Towers II	http://netpalgames.com/	XP/IE6	No	No

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
44	Not known	Download Lycos Sidesearch	http://install.sidesearch.lycos.com/install/default.asp	XP/IE 6	No	No
45	Not known	Download Golden Retriever	http://www.shopathomeselect.com	XP/IE 6	No	No
46	~~Not known~~	~~Download Incredifind~~	~~http://www.incredifind.com/pp.cfm~~	Unable to find down load (404 error)		
47	NetpalOffers	Clear-search	Clear-search.com	XP/IE 6	No	No

Internext AKA ABCsearch **(Dist ID #'s 543,560,670,766)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	eZula	Download TopText iLookup	http://www.ezula.com/address/download/jump.html	2K/IE 6	No	No
2	~~Spidersearch~~	~~Spidersearch Toolbar~~	~~http://www.spidersearch.com/faq.html~~	Adult Toolbar		
3	Click2Find	Install Click2Find Toolbar	http://click2findnow.com/	XP/IE 6	No	No

LoudMarketing **(Dist ID # 378)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	~~Flingstone~~	~~Active X Install~~	~~http://www2.flingstone.com~~	No Download Available		
2	Freeze.com	Active X Install	http://freeze.com	XP/IE 6	No	No
3	~~SearchBarCash.com~~	~~Active X Install~~	~~http://searchbarcash.com~~	No Download Available		
4	~~SandraLyrics~~	~~Active X Install~~	~~http://sandralyrics.com~~	Redirect to LyricsDomain.		
5	~~IceLyrics~~	~~Active X Install~~	~~http://icelyrics.com~~	No Download Available		
6	~~ImAShare~~	~~Active X Install~~	~~http://imashare.com~~	No Download Available		
7	~~Skoobidoo~~	~~Active X Install~~	~~http://skoobidoo.com~~	No Download Available		
8	2020 Search	Active X Install	http://www.2020search.com	98/IE 6	No	No
9	SmartGenie	Active X Install	http://www,smartgenie.com	2K/IE 6	No	No
10	WhenUSearch	Sidefinder	http://www.whenusearch.com	XP/IE 6	No	No
11	WhenUSearch	IE Toolbar	http://www.whenusearch.com	XP/IE 6	No	No

IE Plugin **(Dist ID # 495)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
1	IE Plugin	Active X Install	http://www.ieplugin.com	2K/IE 6	495	No
2	IE Plugin	Active X Install	http://69.56.176.78/webplugin.cab	XP/IE 6	495	No
3	NegativeBeats.com	Active X Install	http://www.negativebeats.com	98/IE 6	No	No

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
4	LyricsDomain.com	Active X Install	http://www.lyricsdomain.com	98/IE6	No	No
5	MusicSongLyrics.com	Active X Install	http://www.musicsonglyrics.com	XP/IE6	No	No
6	~~Exacta Advertising~~	~~BarginBuddy Active X Install~~	~~http://www.exactadvertising.com~~	No available download.		
7	LyricsDepot	Active X Install	http://www.lyricsdepot.com	XP/IE6	495	No

Untested affiliates

Below is a listing of possible Mindseti affiliates that were found after hours on Wednesday. These affiliates are untested up until this point.

Mindseti **(Dist ID #'s 167,321,322)**

#	Affiliate	Method	Location	O/S Browser	180 Search Assistant Installed	Opt In Offered (yes/no)
48	TrekData	Active X Install	http://www.nuker.com/			
49	Wincognito	Download Privacy Suite	http://www.wincognito.com			
50	Wincognito	Download Pop up blocker	http://www.wincognito.com			
51	KMGI	Download eliminatespam!	http://eliminatespam.com/			
52	KMGI	Download PopUpBuster+	http://popupbuster.net/			
53	NetPal	Unknown	http://www.addictiveplay.com/			
54	NetPal	Download any product	http://www.mindseti.com/			

Distributor Issues

Issues uncovered during testing with 180 Search Assistant installs; which have "Opt In" correctly, which don't, etc.

16. Distributor – IE Plugin (Distributor ID 495)
    Affiliate – unknown (http://69.56.176.78)

a. 180 Search installed without correct "opt in" process. Only notification is a dialog box with other software (see below).

b. MSBB.exe seems to be running from C:\Windows\Prefetch

c. Exe files are named: C:\WINDOWS\Prefetch\MSBB.EXE-0DF7DA82.pf
and
C:\WINDOWS\Prefetch\MSBBI.EXE-0269918D.pf
There are no other files with msbb in the file name found on the machine at this time.

d. Partner ID is 168897707

17. Distributor – IE Plugin (Distributor ID 495)
Affiliate – IE Plugin.com

a. 180 Search installed without correct "opt in" process. Only notification is a dialog box with other software (similar to box shown in item 1 above).

b. 180 Search is installed to C:\Winnt (on Win 2000 machine). msbb.exe, kyf.dat and all other files (including log files are located in Windows root directory). Partner ID is 168891745.

18. Distributor – IE Plugin (Distributor ID 495)
Affiliate – lyricsdepot.com

a. No notice at all about 180 Search Assistant being installed.

b. Files are installed to C:\Windows\Prefetch.

c. Exe files are named: c:\windows\prefetch\MSBB.EXE-0DF7DA82.pf, c:\windows\prefetch\MSBB.EXE-01ADC7F7.pf and c:\windows\prefetch\MSBBI.EXE-0269918D.pf.

d. Partner ID is 168903856.

19. Distributor – Unknown (Distributor ID 498)
    Affiliate – iSearchTech

    a. No notice at all about 180 Search Assistant being installed.

    b. Exe files are named: msbb.exe.

    c. Files located in C:\Program Files\180 Solutions. Partner ID is 171175274

    d. Installation occurred during a "drive by" of the IST "adult toolbar". The non-adult bar by IST (named Slotchbar) does not appear to install msbb.exe at this time.

Next Steps

- 180solutions has talked about having VeriTest perform a monthly or bimonthly test of new versions of their software. The test would be a compatibility and functionality test using matrices from previous projects.

Seth Ruymen
Test Lead
VeriTest.
Seth_Ruymen@veritest.com
425-709-2198

Test Strategy for:
180solutions Distributor Testing

180solutions partners with Distributors for installation of their 180 Search Assistant on end-user (client) computers. The agreement that 180solutions has with the Distributors stipulates that the 180 Search Assistant install must be an "opt in" procedure, giving the end-user notice about the search assistant being installed on their computer and a chance to cancel the installation.

Per 180solutions request, VeriTest will perform exploratory testing of 180solutions' Distributor installation procedures. This testing is designed to uncover any anomalies in which (1) the 180solutions' product is hidden in a Distributor application's installation (i.e., there is no user notification); (2) silent installs of 180solutions' software occur one to two days after a user has chosen to install a seemingly unrelated piece of software (i.e., installs of 180 Search assistant that occur at a later date and without the user knowing that it is installed); or (3) hidden scripts run at a predefined interval to reinstall the 180 Search Assistant on the same client or 'partner' computer, resulting in 180solutions' Distributors being paid in excess of their actual distribution, resulting in lost revenue for 180solutions and/or having the 180solutions software installed on computers without the users' knowledge.

Distributor Research

Distributors also partner with Affiliates. An Affiliate is a third-party that distributes the Distributor's products (which may include the 180 Search assistant). 180solutions is not aware of all Affiliates for each of the Distributors, but they do have some idea of the numbers of Affiliates. VeriTest will research the Distributors and find as many Affiliates and methods (methods that the search assistant is installed) as possible for testing. VeriTest will cap the Affiliates/methods tested to 50 per Distributor, provided VeriTest can find that many to test.

To initialize the effort in identifying Affiliates and distribution methods, 180solutions has identified four Distributors to focus on during this test engagement. These are:

- Mindseti – 300+ Affiliates
- Internext (also known as ABC Search) – unknown amount of Affiliates
- Loudmarketing – 300 Affiliates
- IE PLugin - unknown amount of Affiliates

VeriTest is researching information specific to these Distributors through the use of internet searches, checking chat rooms and message boards for discussions on where users may have picked up the Distributor's or Affiliate's (and thus the 180solutions) products, and by gathering information from various websites dedicated to adware/spyware prevention and removal.

Test Methodology

Through the use of individual machines in the lab and/or the use of virtual machines (using Virtual PC from Microsoft), VeriTest will test each of the identified install methods. If an existing lab machine is used, we will verify the appropriate operating system (Microsoft Windows 98(SE), Windows 2000 Professional, Windows XP Pro, and Windows XP Home) and remove any project-specific software (by using existing machines we save on setup time and get a cross section of the supported Windows operating systems). If a Virtual machine is used, it will start with a clean Microsoft Windows XP Professional operating system.

- **The tested method (download, website visit, or Active X) will be tested on one machine.**

- **If an "opt in" option is present for the 180 Search Assistant, VeriTest will verify that it installs properly and record the partner ID assigned to the machine. If there does not appear to be an "opt in", we'll look to see if the 180 Search Assistant was installed without the user's knowledge.**

- **The machine will then be left running.**

- **After 24 hours, VeriTest will check the machine to see if 180 Search Assistant has been installed (if it hadn't been previously) and check previous 180 Search Assistant installations to see if the partner ID has changed (assumption: reinstalls will change the partner ID).**

- **After approximately 48 hours, VeriTest will check the machine a second time for 180 Search Assistant installs.**

- **After this second check, assuming a problem has not been uncovered, VeriTest will clear the previous software installs and use the machine for another test. If a problem has been noted, VeriTest will contact 180solutions with the nature of the issue and specific steps to reproduce.**

Identified Affiliates/Install Methods

The Affiliates/methods listed below have been discovered at this point in the testing effort. Additional Affiliates/methods may be added as testers continue to conduct research on the Distributors and their Affiliates.

Mindseti

Item	Affiliate	Method	Location
1	ADF Software	Download Hangman 1.1	http://www.downloads.com
2	ADF Software	Download Stephen Hawking's Pro Wheelchairing 1.0	http://www.downloads.com
3	ADF Software	Download 150 Free Wallpapers 2.0	http://www.downloads.com
4	ADF Software	Download Spid the Spider 1.1	http://www.downloads.com
5	ADF Software	Download Tomato Catcher 1.1	http://www.downloads.com
6	Jazmine Productions	Download Falling Bricks 1.3	http://www.downloads.com
7	Jazmine Productions	Download PacMonster 1.0	http://www.downloads.com
8	ADF Software	Download Ping - The Sequel to Pong 1.1.6	http://www.downloads.com
9	ADF Software	Download Bird Hunter 1.2	http://www.downloads.com
10	Jazmine Productions	Download Invaders 1.0	http://www.downloads.com
11	ADF Software	Download Molecular Bonds 1.0	http://www.downloads.com

12	ADF Software	Download Martyrdom Dungeon 1.2	http://www.downloads.com
13	Jazmine Productions	Download Word Blast 2.0	http://www.downloads.com
14	Jazmine Productions	Download EyeFlex	http://www.jazmineproductions.com/
15	Jazmine Productions	Download Kaboom! 2004	http://www.jazmineproductions.com/
16	Jazmine Productions	Download Millipede	http://www.jazmineproductions.com/
17	Jazmine Productions	Download Snake XP	http://www.jazmineproductions.com/
18	Jazmine Productions	Download UFO Command	http://www.jazmineproductions.com/
19	ADF Software	Download DoStuff 1.2	http://www.free-windows-games.com
20	ADF Software	Download Adventure	http://www.free-windows-games.com
21	ADF Software	Download Helicopter Escape	http://www.free-windows-games.com
22	ADF Software	Download UFO II	http://www.free-windows-games.com
23	ADF Software	Download UFO III	http://www.free-windows-games.com
24	ADF Software	Download Prisims of Light 2	http://www.free-windows-games.com
25	ADF Software	Download Hot Air	http://www.free-windows-games.com
26	ADF Software	Download Runner	http://www.free-windows-games.com
27	ADF Software	Download Crash	http://www.free-windows-games.com
28	ADF Software	Download Re-Action	http://www.free-windows-games.com
29	1000funnyvideos.com	Download Video Downloads	http://www.1000funnyvideos.com
30	Better Internet	Download Clean Get-Away	http://www.abetterinternet.com
31	Better Internet	Download My Panic Button	http://www.abetterinternet.com
32	Better Internet	Download Netturbo	http://www.abetterinternet.com
33	dancingbit.com	Download Dynamic Desktops	http://www.dancingbits.com
34	dancingbit.com	Download Sexy Desktop	http://www.dancingbits.com
35	NetPalGames.com	Download Swarm	http://netpalgames.com/
36	NetPalGames.com	Download Ricochet Xtreme	http://netpalgames.com/
37	NetPalGames.com	Download The Walls of Jericho	http://netpalgames.com/
38	NetPalGames.com	Download Aqua Bubble	http://netpalgames.com/
39	NetPalGames.com	Download Crimsonland	http://netpalgames.com/
40	NetPalGames.com	Download Air Strike 3D	http://netpalgames.com/
41	NetPalGames.com	Download Solitaire	http://netpalgames.com/
42	NetPalGames.com	Download Five Card Frenzy	http://netpalgames.com/
43	NetPalGames.com	Download Mahjong Towers II	http://netpalgames.com/
44	Not known	Download Lycos Sidesearch	http://install.sidesearch.lycos.com/install/default.asp
45	Not known	Download Golden Retriever	http://www.shopathomeselect.com
46	Not known	Download Incredifind	http://www.incredifind.com/pp.cfm

Internext

Item	Affiliate	Methods	Location
1	eZula	TopText iLookup	http://www.ezula.com/address/download/jump.html
2	Spidersearch	Spidersearch Toolbar	http://www.spidersearch.com/faq.html
3	Click2Find	Click2Find Toolbar	http://click2findnow.com/

LoudMarketing

Item	Affiliate	Methods	Location
1	Flingstone	Active X Install	http://www2.flingstone.com
2	Freeze.com	Active X Install	http://freeze.com
3	SearchBarCash.com	Active X Install	http://searchbarcash.com
4	SandraLyrics	Active X Install	http://sandralyrics.com
5	IceLyrics	Active X Install	http://icelyrics.com
6	ImAShare	Active X Install	http://imashare.com
7	Skoobidoo	Active X Install	http://skoobidoo.com

IE Plugin

Item	Affiliate	Methods	Location
1	IE Plugin	Active X Install	http://www.ieplugin.com
2		Active X Install	http://69.56.176.78/webplugin.cab
3	NegativeBeats.com	Active X Install	http://www.negativebeats.com
4	LyricsDomain.com	Active X Install	http://www.lyricsdomain.com
5	MusicSongLyrics.com	Active X Install	http://www.musicsonglyrics.com
6	Exacta Advertising	BarginBuddy Active X Install	http://www.exactadvertising.com

Schedule and Deliverables

Test Planning began on May 10, 2004 and ran through May 11, 2004, using one Test Lead.

Test Setup was done on May 12, 2004, using one Test Lead and three Test Engineers.

Test Execution will begin on May 13, 2004 and run though May 19, 2004 using one Test Lead and three Test Engineers.

During Test Execution, VeriTest will keep a record of each Affiliate/Install Method tested for each machine. This record will include Distributor, Affiliate, Install Method, O/S, Browser, Opt In correct, 180 Search Assistant installed, Distributor ID, Partner ID, Date Started. There will also be follow up information for after the fact, silent installs and reinstalls. These records will be kept mainly for VeriTest to track the testing but will be made available to 180solutions at their request.

VeriTest will deliver a final project summary report to 180solutions on May 20, 2004.

Note: The research of the Distributors is a time consuming and difficult process. As such, research began in the Test Planning phase and will continue through the Test Execution phase. Any other Affiliates/methods

identified will be added to the list above and tested, provided time is available to do so.

Communications

VeriTest will deliver a Daily Test Summary to 180solutions, recapping the previous days testing and issues found with the Distributors/Affiliates/methods. The Test Lead will be available via phone and e-mail to resolve issues and clarify reports. In these communications, the Test Lead will describe how testing is progressing, summarize the findings, and discuss issues likely to stop progress. A final summary report including a list of the channels tested and the results found during testing will be provided at the end of the project.

Rich Parker
Test Lead
VeriTest (a service of LioNBRIDGE)
Ph. 425-468-1621
Fax 425-688-1099
richard_parker@veritest.com

Appendix D: LoudMarketing Research

On February 2, 2005, CDT began investigating deceptive and unfair downloads of 180solutions software from LoudMarketing's distributions network, including AIMIsland.com, BlazeFind, and Macromdia.com.

Appendix D1: AIMIsland.com installation

When an Internet user visited the public AIMIsland.com Web page, they were automatically shown a security warning that offered to install and run some content on the user's computer, as shown below:
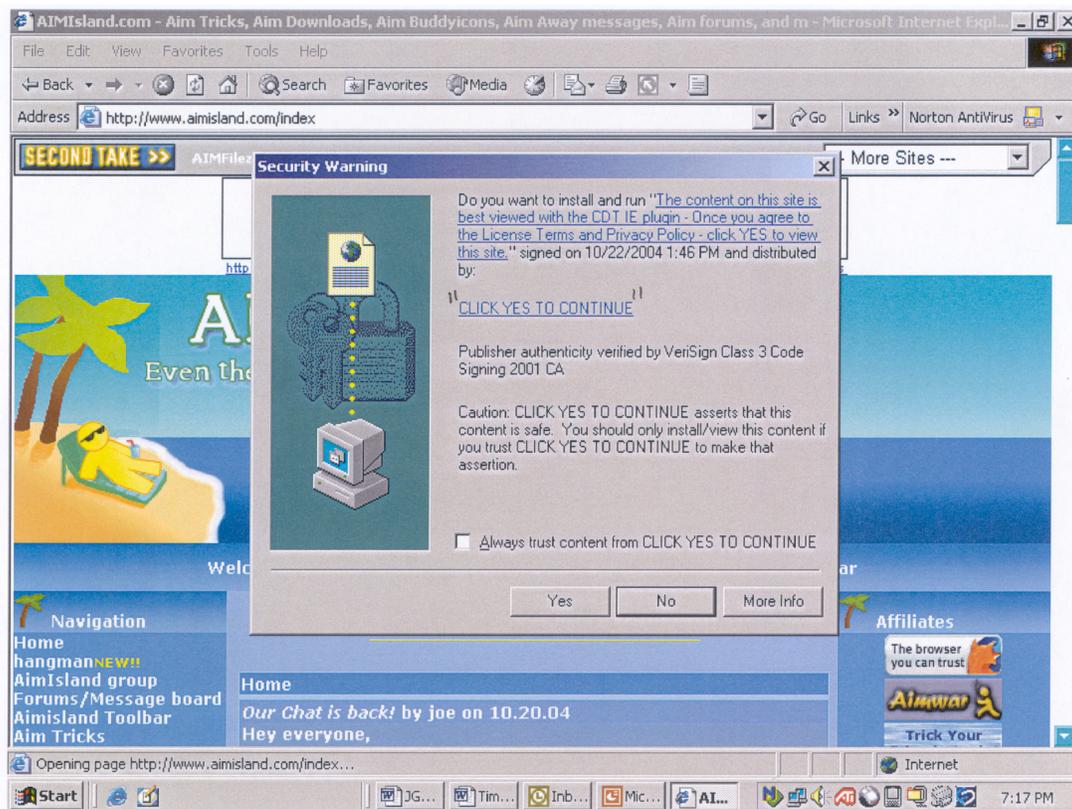
The name of the executable content, as shown, is the following sentence:

"The content on this site is best viewed with the CDT IE plugin – Once you agree to the License Terms and Privacy Policy – click YES to view this site."

The name of the company distributing the content, as shown, is "CLICK YES TO CONTINUE." Both of these names could have led the user to believe that he needed to click "Yes" in order to view or enhance his view of the AIMIsland.com site.

If the user clicked "No" when shown the above warning, the screen would then appear as follows:
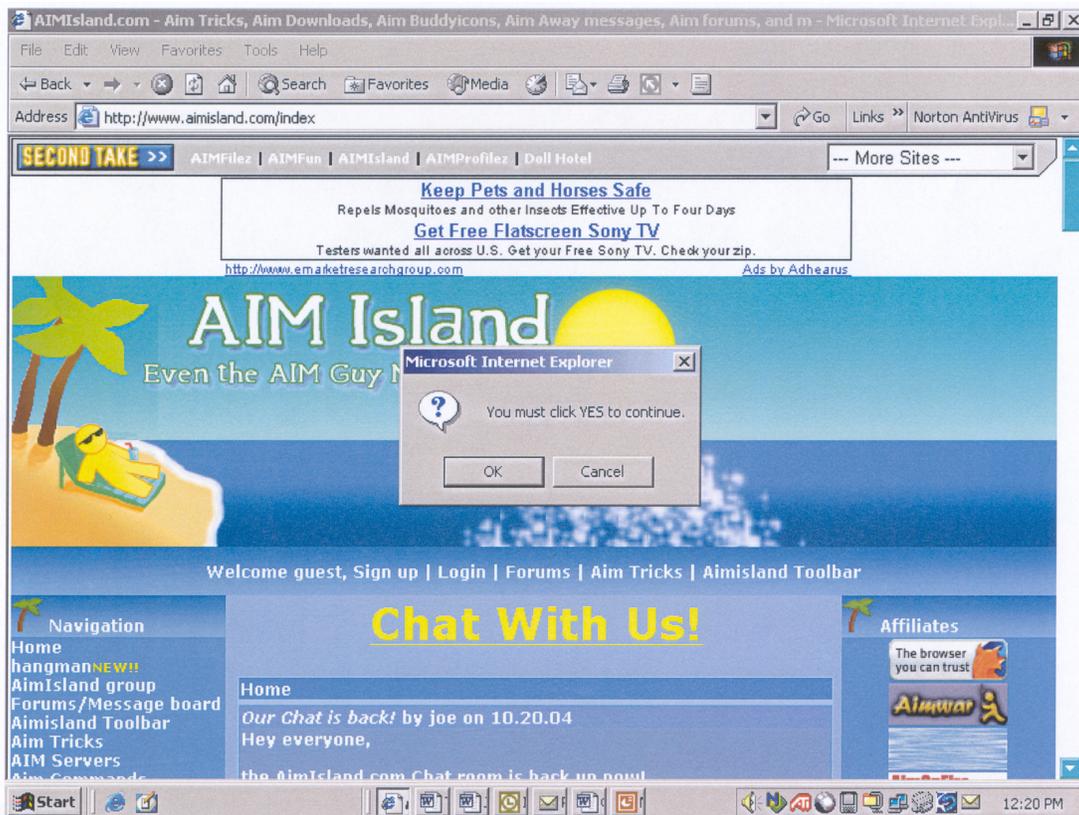
Although the dialog box shown led the user to believe that he must click "YES" to continue, clicking "YES" was not an option. In fact, clicking either "OK" or "Cancel" caused the user to be returned to the original security warning window. The user was forced to repeat the cycle 3 times before being able to view the AIMIsland.com Web page without first installing the 180solutions software.

Appendix D2: BlazeFind

LoudMarketing's BlazeFind is a search toolbar that was formerly available for download from http://www.blazefind.com. When a user downloaded and installed BlazeFind, 180solutions software was also installed without clear notice. The only indicator that 180solutions software was being installed was given in BlazeFind's EULA, which required acceptance of the 180solutions Search Assistant EULA, as shown below:
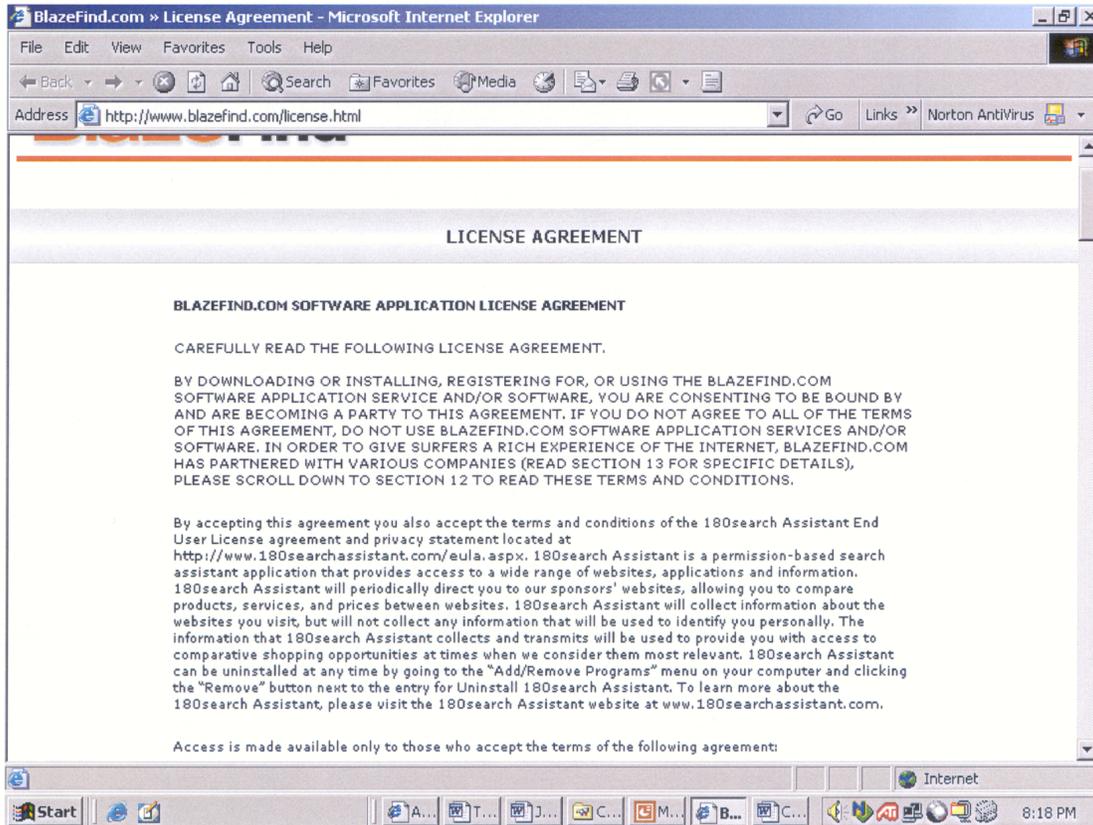
Appendix D3: Macromdia.com

180solutions purchased LoudMarketing in April of 2005, promising to "clean up" LoudMarketing's distribution network. However, as recently as September 2005, one of LoudMarketing's distributors, Macromdia.com, was still deceptively installing 180solutions software. At that time a user could visit the Macromdia Web page, consent to no downloads whatsoever, and still end up with 180solutions software on his machine. The following is the transcript of a spyware scan completed on September 13 by a user who visited the Macromdia.com Web page and consented to no downloads or installs of any kind (the section pertaining to 180solutions software is shown in bold):

Spyware Scan Details
Start Date: 9/13/2005 7:34:00 AM
End Date: 9/13/2005 7:38:15 AM
Total Time: 4 mins 15 secs

Detected Threats

ShopAtHome Spyware more information...
Details: ShopAtHome is a browser redirector that monitors your browsing behavior and online purchases.
Status: Removed
Severe threat - Severe-risk items have an extreme potential for harm, such as a security exploit, and should be removed.

Infected registry keys/values detected

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run
SAHBundle
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent BundleKey cdt1006.sah
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent BundlePackage setup4030.cab
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent PrefsServer
www.shopathomeselect.com
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent PrefsPath agent2/
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent iniName setup4030.ini
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent PackageLocation
downloads.shopathomeselect.com
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent PackageName
agent/setup4030.cab
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent PrefsXML
agent2/agentprefs2.sah
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent CookieUserAgent iexplorer
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent BrowserType Bundle
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent BundleProgress 0
HKEY_LOCAL_MACHINE\software\vgroup
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent KeyExistNai Y
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent DllName
C:\DOCUME~1\akirkpat\LOCALS~1\Temp\US088H5G.dll
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent HtmlName
C:\DOCUME~1\akirkpat\LOCALS~1\Temp\VPB6ETAB.html
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent EulaDate 2005-09-13 07:18:20
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent EulaStatus Displayed4002b
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent InstallLocation
downloads.shopathomeselect.com
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent InstPath cdt/
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent BundleKey cdt1006.sah
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent KeyExistNai Y
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent BundlePackage setup4030.cab
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent PrefsServer
www.shopathomeselect.com
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent PrefsPath agent2/
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent iniName setup4030.ini
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent PackageLocation
downloads.shopathomeselect.com
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent PackageName
agent/setup4030.cab
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent PrefsXML
agent2/agentprefs2.sah
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent CookieUserAgent iexplorer
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent BrowserType Bundle
HKEY_LOCAL_MACHINE\software\vgroup\SAHAgent BundleProgress 0
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent DllName
C:\DOCUME~1\akirkpat\LOCALS~1\Temp\US088H5G.dll
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent HtmlName
C:\DOCUME~1\akirkpat\LOCALS~1\Temp\VPB6ETAB.html
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent EulaDate 2005-09-13 07:18:20
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent EulaStatus Displayed4002b
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent InstallLocation
downloads.shopathomeselect.com
HKEY_LOCAL_MACHINE\SOFTWARE\VGroup\SAHAgent InstPath cdt/

WindUpdates Browser Plug-in more information...
Details: WindUpdates downloads additional adware and displays pop-up
advertising.
Status: Removed
Severe threat - Severe-risk items have an extreme potential for harm,
such as a security exploit, and should be removed.

Infected files detected
c:\windows\system32\ide21201.vxd

MediaTickets CDT Spyware more information...
Details: Mediatickets is a spyware program that displays advertisements,
reduces the security settings for the Trusted Sites zone in Internet
Explorer, and attempts to fraudulently install trusted publishers.
Status: Removed
Severe threat - Severe-risk items have an extreme potential for harm,
such as a security exploit, and should be removed.

Infected files detected
C:\temp\bundle_cdt1006.exe
c:\Documents and Settings\akirkpat\Local
Settings\Temp\bundle_cdt1006.exe

Infected registry keys/values detected
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run
SAHBundle
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run
SAHBundle
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run
SAHBundle
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run
SAHBundle

180Solutions.SearchAssistant Adware more information...
Details: 180Solutions.SearchAssistant is adware that displays pop-up
advertisements based on your browsing activity.
Status: Removed
High threat - High-risk items have a large potential for harm, such as
loss of computer control, and should be removed unless knowingly
installed.

Infected files detected
C:\Program Files\180searchassistant\salm.exe
C:\WINDOWS\Downloaded Program Files\ClientAX.inf
c:\windows\hsxch.exe
c:\program files\180searchassistant\salmhook.dll
c:\windows\downloaded program files\clientax.dll
c:\documents and settings\all users\start menu\programs\180search
assistant\180search assistant.com.url
c:\documents and settings\all users\start menu\programs\180search
assistant\uninstall 180search assistant instructions.lnk
c:\program files\180searchassistant\salmau.dat
c:\program files\180searchassistant\salm_gdf.dat
c:\program files\180searchassistant\salm_kyf.dat

Infected folders detected
c:\documents and settings\all users\start menu\programs\180search
assistant
c:\program files\180searchassistant

Infected registry keys/values detected
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run salm
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ClientAX.RequiredComponent.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F
78F0287}\ToolboxBitmap32 C:\WINDOWS\Downloaded Program
Files\ClientAX.dll, 101

HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F
78F0287}\TypeLib {5B6689B5-C2D4-4dc7-BFD1-24AC17E5FCDA}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F
78F0287}\Version 1.0
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F
78F0287}\VersionIndependentProgID ClientAX.ClientInstaller
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F
78F0287} ClientInstaller Class
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{99410CDE-6F16-42CE-9D49-3807F78F0287}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{99410CDE-6F16-42CE-9D49-3807F78F0287}\DownloadInformation
CODEBASE http://www.180searchassistant.com/180saax.cab
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{99410CDE-6F16-42CE-9D49-3807F78F0287}\DownloadInformation INF
C:\WINDOWS\Downloaded Program Files\ClientAX.inf
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{99410CDE-6F16-42CE-9D49-3807F78F0287}\InstalledVersion 6,9,95,0
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{99410CDE-6F16-42CE-9D49-3807F78F0287} Installer MSICD
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F
78F0287}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{99410CDE-6F16-42CE-9D49-3807F78F0287} SystemComponent 0
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Br
owser Helper Objects\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Br
owser Helper Objects\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4} SABHO
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run salm
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\s
alm
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\s
alm DisplayName Search Assistant
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\s
alm UninstallString c:\program files\180searchassistant\salm.exe
/uninst_simple_init=y
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\s
alm DisplayIcon c:\program files\180searchassistant\salm.exe,2
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ClientAX.ClientInstaller.1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{99410CDE-6F16-42ce-9D49-3807F78F0287}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{0AC49246-419B-4EE0-8917-8818D
AAD6A4E}
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ClientAX.RequiredComponent.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F
78F0287}
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller.1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run salm
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ClientAX.ClientInstaller.1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{99410CDE-6F16-42ce-9D49-3807F78F0287}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{0AC49246-419B-4EE0-8917-8818D
AAD6A4E}
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ClientAX.RequiredComponent.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F
78F0287}
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ClientAX.ClientInstaller.1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution

Units\{99410CDE-6F16-42ce-9D49-3807F78F0287}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run salm
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run hsxch
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run hsxch
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{0AC49246-419B-4EE0-8917-8818D
AAD6A4E}
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ClientAX.RequiredComponent.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F
78F0287}
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ClientAX.ClientInstaller.1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{99410CDE-6F16-42ce-9D49-3807F78F0287}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run salm
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{21B4ACC4-8874-4AEC-AEAC-F567A
249B4D4}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{21B4ACC4-8874-4AEC-AEAC-F567A
249B4D4}
HKEY_CLASSES_ROOT\ncmyb.SABHO.1
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ncmyb.SABHO.1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Br
owser Helper Objects\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller.1
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller.1\CLSID
{99410CDE-6F16-42ce-9D49-3807F78F0287}
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller.1 ClientInstaller Class
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller\CLSID
{99410CDE-6F16-42ce-9D49-3807F78F0287}
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller\CurVer
ClientAX.ClientInstaller.1
HKEY_CLASSES_ROOT\ClientAX.ClientInstaller ClientInstaller Class
HKEY_CLASSES_ROOT\ncmyb.SABHO.1
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent.1
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent.1\CLSID
{0AC49246-419B-4EE0-8917-8818DAAD6A4E}
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent.1 RequiredComponent Class
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent\CLSID
{0AC49246-419B-4EE0-8917-8818DAAD6A4E}
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent\CurVer
ClientAX.RequiredComponent.1
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent RequiredComponent Class
HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}
HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}\InprocSer
ver32 C:\WINDOWS\Downloaded Program Files\ClientAX.dll
HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}\InprocSer
ver32 ThreadingModel Apartment
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ncmyb.SABHO.1
HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}\MiscStatu
s\1 132497
HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}\MiscStatu
s 0
HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}\ProgID
ClientAX.RequiredComponent.1
HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}\ToolboxBi
tmap32 C:\WINDOWS\Downloaded Program Files\ClientAX.dll, 101
HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}\TypeLib
{5B6689B5-C2D4-4dc7-BFD1-24AC17E5FCDA}
HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}\Version
1.0

HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}\VersionIndependentProgID ClientAX.RequiredComponent
HKEY_CLASSES_ROOT\clsid\{0AC49246-419B-4EE0-8917-8818DAAD6A4E} RequiredComponent Class
HKEY_CLASSES_ROOT\clsid\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}
HKEY_CLASSES_ROOT\clsid\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}\InprocServer32 c:\program files\180searchassistant\salmhook.dll
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Browser Helper Objects\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}
HKEY_CLASSES_ROOT\clsid\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}\InprocServer32 ThreadingModel apartment
HKEY_CLASSES_ROOT\clsid\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}\ProgID ncmyb.SABHO.1
HKEY_CLASSES_ROOT\clsid\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}\TypeLib {68BF4626-D66B-4383-A6AF-62E57E9B6CD4}
HKEY_CLASSES_ROOT\clsid\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}\VersionIndependentProgID ncmyb.SABHO
HKEY_CLASSES_ROOT\clsid\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4} CSABHO Object
HKEY_CLASSES_ROOT\clsid\{21B4ACC4-8874-4AEC-AEAC-F567A249B4D4} AppID
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287}
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287}\InprocServer32 C:\WINDOWS\Downloaded Program Files\ClientAX.dll
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287}\InprocServer32 ThreadingModel Apartment
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287}\MiscStatus\1 132497
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{0AC49246-419B-4EE0-8917-8818DAAD6A4E}
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287}\MiscStatus 0
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287}\ProgID ClientAX.ClientInstaller.1
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287}\ToolboxBitmap32 C:\WINDOWS\Downloaded Program Files\ClientAX.dll, 101
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287}\TypeLib {5B6689B5-C2D4-4dc7-BFD1-24AC17E5FCDA}
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287}\Version 1.0
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287}\VersionIndependentProgID ClientAX.ClientInstaller
HKEY_CLASSES_ROOT\clsid\{99410CDE-6F16-42ce-9D49-3807F78F0287} ClientInstaller Class
HKEY_CLASSES_ROOT\ncmyb.SABHO.1
HKEY_CLASSES_ROOT\ncmyb.SABHO.1\CLSID {21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}
HKEY_CLASSES_ROOT\ncmyb.SABHO.1 CSABHO Object
HKEY_CLASSES_ROOT\ClientAX.RequiredComponent.1
HKEY_CLASSES_ROOT\ncmyb.SABHO
HKEY_CLASSES_ROOT\ncmyb.SABHO\CLSID {21B4ACC4-8874-4AEC-AEAC-F567A249B4D4}
HKEY_CLASSES_ROOT\ncmyb.SABHO\CurVer ncmyb.SABHO.1
HKEY_CLASSES_ROOT\ncmyb.SABHO CSABHO Object
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F78F0287}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F78F0287}\InprocServer32 C:\WINDOWS\Downloaded Program Files\ClientAX.dll
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F78F0287}\InprocServer32 ThreadingModel Apartment
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F78F0287}\MiscStatus\1 132497
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F

**78F0287}\MiscStatus 0
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{99410CDE-6F16-42ce-9D49-3807F
78F0287}\ProgID ClientAX.ClientInstaller.1**

WindUpdates.MediaAccess Adware more information...
Details: WindUpdates is responsible for downloading adware.
Status: Removed
High threat - High-risk items have a large potential for harm, such as
loss of computer control, and should be removed unless knowingly
installed.

Infected registry keys/values detected
HKEY_CLASSES_ROOT\clsid\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}
HKEY_CLASSES_ROOT\clsid\{1E5F0D38-214B-4085-AD2A-D2290E6A2D2C} AppID
{735C5A0C-F79F-47A1-8CA1-2A2E482662A8}
HKEY_LOCAL_MACHINE\Software\Media Gateway
HKEY_LOCAL_MACHINE\Software\Media Gateway zuk 0
HKEY_LOCAL_MACHINE\Software\Media Gateway param
e814001d1edc2501cebbf77e157528607867acfe2aeee78fbcd606440297911950d2d34f
481ed9fd26:3037623466316336626133346563353631373739666463376665336631323
064:msie:6:0:win:winxp:sp2:flash
HKEY_LOCAL_MACHINE\Software\Media Gateway LastUpdate 1126610286
HKEY_LOCAL_MACHINE\Software\Media Gateway reqcount 3
HKEY_LOCAL_MACHINE\Software\Media Gateway track 0
HKEY_LOCAL_MACHINE\Software\Media Gateway DownloadPath \temp
HKEY_LOCAL_MACHINE\Software\Media Gateway Language en
HKEY_LOCAL_MACHINE\Software\Media Gateway
HKEY_CLASSES_ROOT\clsid\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}\InprocSer
ver32 C:\WINDOWS\Downloaded Program Files\MediaGatewayX.dll
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}\Contains\Files
C:\WINDOWS\Downloaded Program Files\MediaGatewayX.dll
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}\DownloadInformation
CODEBASE
http://static.windupdates.com/cab/WebsiteAccess/ie/bridge-c32.cab
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}\InstalledVersion 0,0,0,1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}\InstalledVersion
LastModified Tue, 02 Aug 2005 18:32:27 GMT
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6} SystemComponent 0
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6} Installer MSICD
HKEY_CLASSES_ROOT\clsid\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}\InprocSer
ver32 ThreadingModel Apartment
HKEY_CLASSES_ROOT\clsid\{1E5F0D38-214B-4085-AD2A-D2290E6A2D2C}
HKEY_CLASSES_ROOT\clsid\{1E5F0D38-214B-4085-AD2A-D2290E6A2D2C}\LocalServ
er32 C:\PROGRA~1\MEDIAG~1\MEDIAG~1.EXE
HKEY_CLASSES_ROOT\clsid\{1E5F0D38-214B-4085-AD2A-D2290E6A2D2C}\ProgID
MediaGateway.Installer
HKEY_CLASSES_ROOT\clsid\{1E5F0D38-214B-4085-AD2A-D2290E6A2D2C}\TypeLib
{15696AE2-6EA4-47F4-BEA6-A3D32693EFC7}
HKEY_CLASSES_ROOT\clsid\{1E5F0D38-214B-4085-AD2A-D2290E6A2D2C}\VersionIn
dependentProgID MediaGateway.Installer
HKEY_CLASSES_ROOT\clsid\{1E5F0D38-214B-4085-AD2A-D2290E6A2D2C} Installer
Class

WindUpdates.MediaGateway Adware more information...
Details: WindUpdates is responsible for downloading adware.
Status: Removed
High threat - High-risk items have a large potential for harm, such as
loss of computer control, and should be removed unless knowingly
installed.

Infected files detected
C:\Program Files\Media Gateway\MediaGateway.exe
c:\windows\downloaded program files\mediagatewayx.dll
c:\program files\media gateway\info.txt

Infected folders detected
c:\program files\media gateway

Infected registry keys/values detected
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run Media
Gateway
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{15AD6789-CDB4-47E1-A9DA-992EE
8E6BAD6}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run Media
Gateway
HKEY_CLASSES_ROOT\MediaGateway.Installer
HKEY_CLASSES_ROOT\MediaGateway.Installer\CLSID
{1E5F0D38-214B-4085-AD2A-D2290E6A2D2C}
HKEY_CLASSES_ROOT\MediaGateway.Installer\CurVer MediaGateway.Installer
HKEY_CLASSES_ROOT\MediaGateway.Installer Installer Class
HKEY_CLASSES_ROOT\MediaGatewayX.Installer
HKEY_CLASSES_ROOT\MediaGatewayX.Installer\CLSID
{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run Media
Gateway
HKEY_CLASSES_ROOT\MediaGatewayX.Installer MediaGatewayX.Installer
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run Media
Gateway
HKEY_LOCAL_MACHINE\Software\microsoft\windows\currentversion\uninstall\M
edia Gateway
HKEY_LOCAL_MACHINE\Software\microsoft\windows\currentversion\uninstall\M
edia Gateway UninstallString C:\Program Files\Media
Gateway\MediaGateway.exe /Remove
HKEY_LOCAL_MACHINE\Software\microsoft\windows\currentversion\uninstall\M
edia Gateway DisplayName Media Gateway
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{15AD6789-CDB4-47E1-A9DA-992EE
8E6BAD6}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{15AD6789-CDB4-47E1-A9DA-992EE
8E6BAD6}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution
Units\{15AD6789-CDB4-47E1-A9DA-992EE8E6BAD6}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run Media
Gateway
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run Media
Gateway
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{15AD6789-CDB4-47E1-A9DA-992EE
8E6BAD6}

IBIS Toolbar Adware more information...
Details: IBIS Toolbar is an Internet Explorer search redirector.
Status: Removed
High threat - High-risk items have a large potential for harm, such as
loss of computer control, and should be removed unless knowingly
installed.

Infected files detected
C:\temp\EDowST3.exe
C:\temp\ZCWEDowST3.exe

IEPlugin Spyware more information...
Details: IEPlugin is an Internet Explorer browser helper object (BHO)
that monitors your browsing activity.
Status: Removed
High threat - High-risk items have a large potential for harm, such as
loss of computer control, and should be removed unless knowingly
installed.

Infected registry keys/values detected
HKEY_CURRENT_USER\Software\salm
HKEY_CURRENT_USER\Software\salm actionurl_last_full_version 309
HKEY_CURRENT_USER\Software\salm keyword_current_version 629
HKEY_CURRENT_USER\Software\salm keyword_last_full_version 629
HKEY_LOCAL_MACHINE\SOFTWARE\salm
HKEY_LOCAL_MACHINE\SOFTWARE\salm did 3015
HKEY_LOCAL_MACHINE\SOFTWARE\salm duid
6CB0237722BE60672342F12A5E81EFE4FE8D04F06DA7F6BCD98E6CED05A06881
HKEY_LOCAL_MACHINE\SOFTWARE\salm partner_id 443353500
HKEY_LOCAL_MACHINE\SOFTWARE\salm product_id 3015
HKEY_LOCAL_MACHINE\SOFTWARE\salm umt
016CB0237722BE60672342F12A5E81EFE4FE8D04F06DA7F6BCD98E6CED05A06881
HKEY_LOCAL_MACHINE\SOFTWARE\salm gma 1
HKEY_CURRENT_USER\Software\salm last_conn_h 29734996
HKEY_LOCAL_MACHINE\SOFTWARE\salm gvi 1
HKEY_LOCAL_MACHINE\SOFTWARE\salm gpi 1
HKEY_LOCAL_MACHINE\SOFTWARE\salm boom
HKEY_LOCAL_MACHINE\SOFTWARE\salm boom_ver 1
HKEY_CURRENT_USER\Software\salm last_conn_l -736836012
HKEY_CURRENT_USER\Software\salm we 5
HKEY_CURRENT_USER\Software\salm
HKEY_CURRENT_USER\Software\salm TimeOffset -25201
HKEY_CURRENT_USER\Software\salm geourl_current_version 12
HKEY_CURRENT_USER\Software\salm geourl_last_full_version 12
HKEY_CURRENT_USER\Software\salm actionurl_current_version 309

ProSiteFinder Adware more information...
Details: ProSiteFinder displays pop-up advertisments based on your
browsing activity.
Status: Removed
Elevated threat - Elevated-risk items have some potential for harm.
Users should review such programs and remove them if unwanted.

Infected files detected
c:\program files\prositefinder\prositefinder.dll
c:\program files\prositefinder\prositefinderh.exe
c:\program files\prositefinder\r9vhirga.dll
c:\program files\prositefinder\uninstall.exe
c:\program files\prositefinder\ytxzjbcv.dll

c:\program files\prositefinder\prositefinder1\prositefinder1.dll
c:\program files\prositefinder\prositefinder1\prositefinder1.exe
c:\program files\prositefinder\16x71esk.dll
c:\program files\prositefinder\23353442.bin
c:\program files\prositefinder\66708108.txt
c:\program files\prositefinder\67599164.bin
c:\program files\prositefinder\control.dat
c:\program files\prositefinder\isen6j28.dll
c:\program files\prositefinder\l4nvpmjw.dll
c:\program files\prositefinder\prositefinder.exe

Infected folders detected
c:\documents and settings\akirkpat\local settings\temp\prositefinder
c:\program files\prositefinder
c:\program files\prositefinder\prositefinder1

Infected registry keys/values detected
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{00000000-0000-4F64-A5D2-5F09F
20CD636}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run
ProSiteFinder
HKEY_LOCAL_MACHINE\Software\microsoft\windows\currentversion\uninstall\P
roSiteFinder-Uninstall.EXE
HKEY_LOCAL_MACHINE\Software\microsoft\windows\currentversion\uninstall\P
roSiteFinder-Uninstall.EXE DisplayName ProSiteFinder
HKEY_LOCAL_MACHINE\Software\microsoft\windows\currentversion\uninstall\P
roSiteFinder-Uninstall.EXE UninstallString C:\Program
Files\ProSiteFinder\Uninstall.EXE
HKEY_LOCAL_MACHINE\Software\ProSiteFinder
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\100 161 16
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\100 925 1126610911
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\100 596 49888877
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\100 666 1126697466
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 652 1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Br
owser Helper Objects\{00000000-0000-4F64-A5D2-5F09F20CD636}
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 875 8
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 6980 0
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 6981 0
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 6982 0
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 6983 0
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 6984 0
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 6985 0
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 6986 0
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 6987 0
HKEY_LOCAL_MACHINE\Software\ProSiteFinder\366 6988 0
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{00000000-0000-4F64-A5D2-5F09F
20CD636}
HKEY_LOCAL_MACHINE\Software\ProSiteFinder 199 150
HKEY_LOCAL_MACHINE\Software\ProSiteFinder 838 C:\Program
Files\ProSiteFinder
HKEY_LOCAL_MACHINE\Software\ProSiteFinder 685 77
HKEY_LOCAL_MACHINE\Software\ProSiteFinder 587 -808955182
HKEY_LOCAL_MACHINE\Software\ProSiteFinder 248
{A7A44203-01CA-44c3-825D-3D407E4476F8}
HKEY_LOCAL_MACHINE\Software\ProSiteFinder 481 1126697474
HKEY_LOCAL_MACHINE\Software\ProSiteFinder 692 93
HKEY_LOCAL_MACHINE\Software\ProSiteFinder 187 us
HKEY_LOCAL_MACHINE\Software\ProSiteFinder 961 1
HKEY_LOCAL_MACHINE\Software\ProSiteFinder 593 0
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Br
owser Helper Objects\{00000000-0000-4F64-A5D2-5F09F20CD636}

HKEY_LOCAL_MACHINE\Software\ProSiteFinder1
HKEY_LOCAL_MACHINE\Software\ProSiteFinder1 583 150
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{00000000-0000-4F64-A5D2-5F09F
20CD636}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Br
owser Helper Objects\{00000000-0000-4F64-A5D2-5F09F20CD636}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{00000000-0000-4F64-A5D2-5F09F
20CD636}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Br
owser Helper Objects\{00000000-0000-4F64-A5D2-5F09F20CD636}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run
ProSiteFinder

Detected Spyware Cookies
No spyware cookies were found during this scan.

Appendix E: LyricsDomain.com Complaint

I. INTRODUCTION

The Center for Democracy and Technology has received a variety of complaints from Internet users about 180solutions' software through CDT's spyware action Web page, and has discovered other complaints in online forums. On the basis of these complaints, we are investigating deceptive and unfair behavior by 180solutions and its distribution partners.

In this report, we document an example of a deceptive installation of the 180search Assistant. Specifically, a 180solutions' distribution partner, Integrated Search Technologies (IST) is using deceptive and unfair practices to install 180search Assistant and a variety of other software with deceptive notice to the user and an unfair removal process. As of the writing of this report, the 180solutions servers continue to remotely enable installations of the 180search Assistant from this distributor (IST) even after questions about IST's practices were pointed out to 180 Solutions in an audit in a May 2004 audit and subsequently by CDT during the summer of 2005.

The continued disregard of basic consumer and computer fraud law should be of great concern for law enforcement and all Internet users. This case is especially egregious because the practices in question for were called to 180Solutions attention over a year ago, coming on the heels of 180Solutions participation in two other cases of illegal practices (with affiliates Seismic and Internext) and yet the company has made only been the most minor of changes to address them.

II. PARTIES

The Center for Democracy and Technology

The Center for Democracy and Technology (CDT) is a non-profit, public interest organization incorporated in the District of Columbia and operating as a tax-exempt organization. CDT is dedicated to preserving and promoting privacy and other democratic values and civil liberties on the Internet and other interactive communications media. CDT pursues its mission through public education, grass roots organizing, litigation, and coalition building.

In November 2003, CDT released a report entitled "Ghosts in Our Machines: Background and Policy Proposals on the 'Spyware' Problem" (http://www.cdt.org/privacy/031100spyware.pdf). Simultaneously, CDT called for Internet users to inform us of their experiences with so-called "spyware" programs. We indicated that we would investigate the complaints received and, where we believed appropriate, file complaints with the FTC. (See http://www.cdt.org/action/spyware.) CDT filed a complaint with the FTC against Mailwiper, Inc. and Seismic Entertainment Media,

Inc. in February 2004. CDT continues to be a leading voice on spyware issues working closely with anti-spyware companies, researchers and public interest groups.

180solutions, Inc.

180solutions is incorporated in the state of Washington and currently operates its corporate headquarters in Bellevue, WA. The company's Web site, http://www.180solutions.com, characterizes 180solutions as "a leading provider of Internet search marketing solutions." The company offers consumers "a better way to search online and an entire network of free online content in exchange for using our applications," according to the Web site.

180solutions sells advertising and distributes several free software programs on its Web sites and through affiliates, including 180search Assistant, and Zango. 180solutions also formerly distributed a free program called n-CASE, but the software had a similar name to EnCase®, a registered trademark of Guidance Software, Inc., and therefore 180solutions has recently rebranded and replaced n-Case with 180search Assistant. 180search Assistant (http://www.180searchassistant.com) is described by 180solutions as "a small application that is downloaded to your computer and runs in the background looking to show Web sites with information, offers and products that match keywords that you are looking for when either shopping or searching online."

Integrated Search Technologies (IST)

IST sells advertising software and distributes its own and other products through a network of affiliates. IST is incorporated in Montreal, Canada. The company's Web site, http://www.isearchtech.com, lists its own products for Web surfers as Homepage (Slotch.com), Search Companion (sidefind.com), Internet Explorer Toolbar (Slotchbar.com) and Toolbarcash and YourSiteBar as products for Webmasters. It also lists the Worldwide Pop Distribution System as a product for advertisers, although there is little information about what this product is without further contact with the company. According to the terms of service for YourSiteBar, IST also developed xxtoolbar and PowerScan.[11]

IST is also a distributor of 180Solutions and other advertising software products.

LyricsDomain.com

LyricsDomain.com is a Web site that offers a database and alphabetic listing of free songlyrics, ringtones, screensavers and games. WhoIs information on LyricsDomain.com suggests that the site is hosted in Bucarest, Romania.[12]

---

[11] http://www.ysb.com/terms.html — IST may also be affiliated with SurfAccuracy as their Web sites are almost identical including requesting email contact for information on the Worldwide Pop Distribution System.

[12] http://www.dnsstuff.com/tools/whois.ch?ip=lyricsdomain.com

III. STATEMENT OF FACTS

Background on the May 2004 VeriTest audit

In early 2004, following on the heels of CDT's complaint to the FTC against Seismic Entertainment Media, a company that was illegally distributing 180Solutions Search Assistant among other software, CDT learned of another 180Solutions affiliate exploiting an Internet Explorer browser hole.   This exploit installing a program called the iLookup Toolbar that then installed several other programs including 180Search Assistant.   CDT drafted a research report on this exploit and entered negotiations with 180Solutions to work toward solving the continued problem of seemingly rogue affiliates.[13]   After negotiations, 180Solutions agreed to a number of steps to address the issues that CDT had raised. In a July 8 2004 letter to CDT, 180Solutions pointed to four ways that they were addressing the problem.[14] 1) 180Solutions was instigating a lawsuit against Internext, the distributor that they held ultimately responsible for the exploit; 2) 180Solutions was instituting a new code of conduct for its distributors; 3) 180Solutions claimed that it had simplified its uninstall process; and 4) 180Solutions had hired a company, VeriTest, to undertake an audit of their affiliates for possible problems.

Subsequently, CDT asked for, and was provided, a copy of this audit (the entire audit is included as Appendix C). In the audit, VeriTest called the practices of four major distributors and listed a number of Web sites for these distributors. CDT has had concerns about possible illegal practices from all of these distributors involved[15] at one

---

[13] This report can be found at

[14] This letter can be found at
http://www.cdt.org/privacy/spyware/20040708180solutions.pdf . We've taken the points out of the order of the letter to maintain clarity for the facts involved in this case.

[15] The four distributors mentioned were: 1) Mindset — the company that CDT believes originally hired Seismic Entertainment as an affiliate for 180Solutions. Mindset has changed its name at least one time since the Seismic case. CDT has evidence that 180Solutions still distributes its software through the new company. 2) Internext — the company sued by 180Solutions. It should be noted that 180Solutions settled with Internext. The proceeds of this settlement were given from 180Solutions to CDT as its proceeds as an acknowledgement for the work CDT did to track down the evidence in the case. CDT is unclear on whether 180Solutions continues to use Internext as a distributor after the settlement. It has also been speculated that the individuals involved in Internext are also responsible for Xupiter a program that is notorious for showing up on users' computers without consent. 3) LoudMarketing — CDT has evidence that LoudMarketing continued its deceptive practices for months after the audit. Earlier this year, 180Solutions purchased LoudMarketing. One of the reasons cited for this purchase was to clean up the LoudMarketing distribution chain and, in fact, CDT has noticed that the sites listed in the audit have indeed been cleaned up (LoudMarketing is better known by the name "CDT, Inc" —short for Canadian Day Traders — but because of the confusion with the Center for Democracy and Technology we continue to call them by

time or another that CDT has made clear to 180Solutions and has continued to monitor the sites listed by VeriTest. The last of the distributors involved was listed as iePlugin, a company that seems to be headquartered in Belize. Upon some basic research and further questioning of 180Solutions, however, it seems that NegativeBeats.com, LyricsDomain.com, and MusicSongLyrics.com were actually affiliated with IST and IST dialog boxes are delivered upon viewing these sites with particular versions of Internet Explorer.

---

the name used in the audit). 4) iePlugin — CDT has concerns still has concerns with how iePlugin distributes software and has made these concerns clear to 180Solutions and Direct Revenue, another company that uses iePlugin as a distributor. It also includes a link to Exact Advertising. An adware that makes Bargain Buddy software that was included in the IST bundles.

Lyricsdomain.com

One site that remains a major concern is Lyricsdomain.com. Immediately, when users come to the site using some versions of Microsoft Internet Explorer (IE), they receive an Active X prompt suggesting that they download software to view the lyrics on the site.
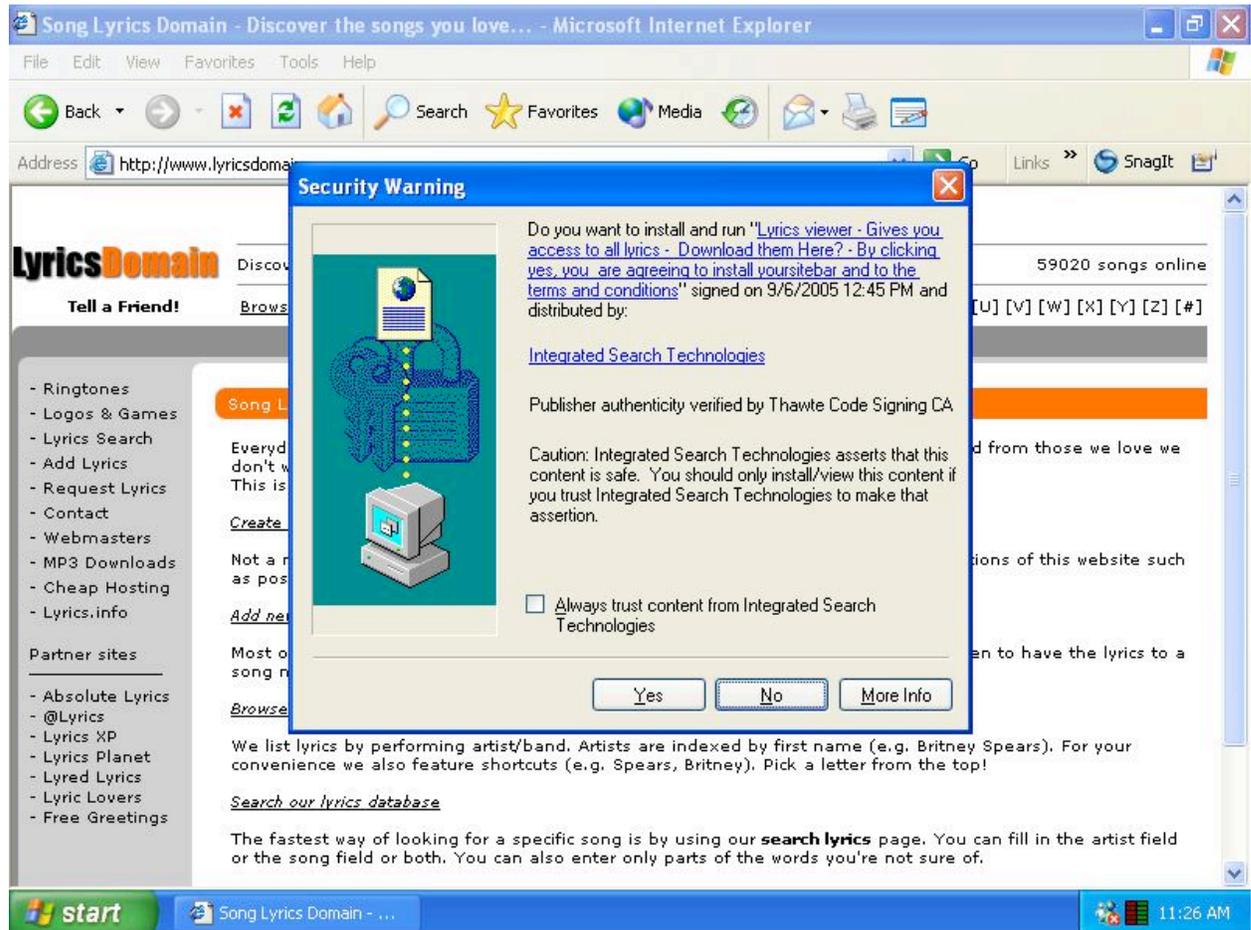
When users click "No" they receive another dialog box prompt suggesting that they need to agree to the Active X dialog to use the site.
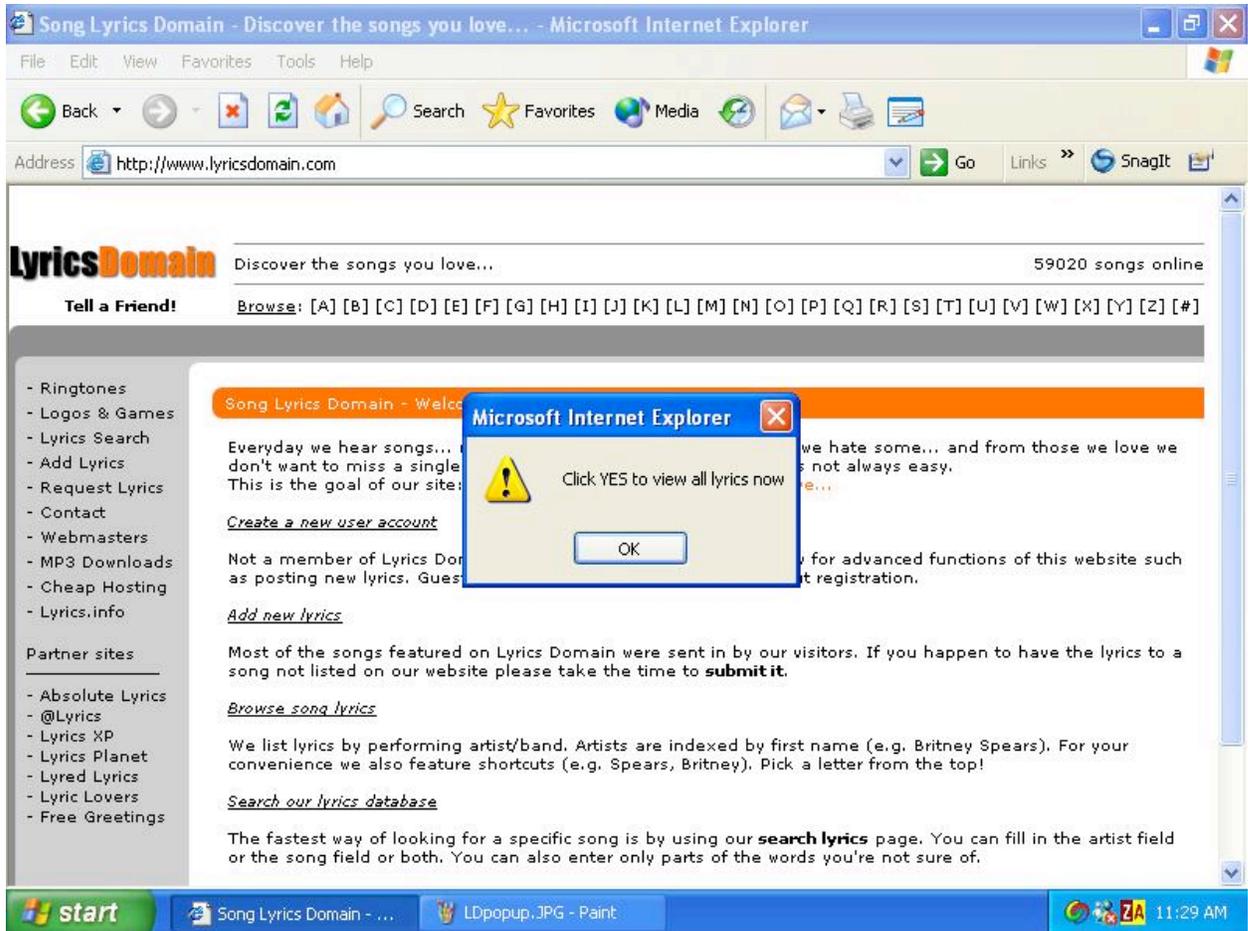
Whether users click "OK" or close this prompt, they receive the Active X prompt again. This cycle repeats 3 times if the user continues to click "No" on the Active X prompt. Users cannot close the IE window; change sites through the navagation toolbar or entering other URLs; or make any other changes to the IE window while the cycle is in process.

Users of browsers other than IE can view the lyrics without going through the cycle. All IE users can view the lyrics freely after the cycle has ended.

IST Bundle (YourSiteBar) Installation

The Active X prompt suggests that a user clicking "Yes" is agreeing to the terms and conditions of the YourSiteBar. These terms are linked to from this statement, although this is not mentioned in the Active X prompt.

The terms list the following advertising software as included in acceptance:

1. Yoursitebar,
2. Slotchbar,

3. xxtoolbar,
4. Sidefind,
5. PowerScan,
6. BullsEye,
7. Internet Optimizer,
8. ContextPlus,
9. Dealhelper,
10. targetsaver,
11. Surfaccuracy,
12. Cashback, and
13. 180solutions Assistant

CDT has had different experiences when installing the bundle. During an install on September 8, 2005, CDT documented installation of at least nine self-executing programs and three browser helper objects that we could detect. While many of these programs related directly to those listed in the terms of service it was difficult to match them all. (See Appendix E1 for a full list of changes to the system from the install).

During installation there is no information and no separate consent for the installation of the different adware programs. Almost immediately upon installation the user starts receiving pop-up ads. Since these ads are coming from so many sources they create a significant drain on usability.

There is no information on lyricsdomain.com for details on the bundle once the programs have been installed.

Bundle Uninstall and Removal Practices

There is also no information on uninstalling the bundle on lyricsdomain.com.

Many of the programs do show up in uninstall although it is unclear which of these programs were installed in the bundle. A user could need to uninstall each program individually. The Browser Helper Objects cannot be uninstalled through add/remove programs.

If a user clicks on the last of the icons in add/remove that have been added as a result of the bundle (YourSiteBar), they could follow this link and find uninstall information that uninstalls most of the bundle. Some information is left behind, including documentation and other items from 180Solutions.

There is no link to the original terms of service on the YourSiteBar site.

IV. Instances of Unfair and Deceptive Practices with the IST Bundle and LyricsDomain

CDT believes that the bundle offered by IST on the LyricsDomain.com and MustSongLyrics.com Web sites violate Section 5 of the FTC Act, other Unfair and Deceptive Practices laws, and several computer fraud laws because:

1. The IST install on the LyricsDomain.com is deceptive because it is likely to confuse and frustrate users.
   - An average user would assume that the immediate Active X prompt upon visiting the site suggests that clicking "Yes" is necessary to view the site. This is not true. A user can use the site without installing the software.
   - Even if a user clicks "No" they receive a prompt suggesting that they do indeed need to click "Yes" to use the site. Users continue to receive the prompts even when they continue to click no.

2. The multiple advertising programs included in the IST bundle create a unfair practice by greatly impacting or inhibiting an average consumers use of the Internet;
   - The large number of adware programs installed simultaneously cause constant pop-up ads making Internet surfing difficult for any user, but particularly those with dialup connections. The impact on users is not made clear to the user through any means.

3. The IST install the LyricsDomain.com is unfair because the cost of using the site is not equally applied to users;
   - An average IE user will assume that others are receiving these prompts and therefore everyone must download the software to use the site. This is the cyber equivalent of running a private toll road where some drivers are stopped and forced to pay while others are allowed to pass freely.

4. The uninstall procedure is unfair because average consumers are unlikely to be able to find and adequately remove or disable all of the programs that were installed.
   - Users are unlikely to be able to find the uninstall instructions for the bundle because they are only included from the hidden link in the Active X box at the time of installation. Otherwise users need to uninstall the programs that appear in add/remove programs. Not all of these programs are given the same name in the add/remove file as they are in the installation process.

V. 180Solutions Liability

CDT believes that 180Solutions should be held responsible for the illegal practices described above because:

1. 180Solutions must be held responsible for the practices of the continued malfeasance of its distributors. 180Solutions hired IST to install their software as part of the bundle and, as such, IST is an agent on 180Solution's behalf. The fact that 180Solutions continues to work with distributors that engage in unfair and deceptive practices even after documented problems (with Seismic Entertainment, Internext, and LoudMarketing) demonstrates that 180Solutions is unable or unwilling to control its distribution chain.
2. It is clear that 180Solutions had knowledge of the practices involved for over a year and took no action to end its relationship with IST.

Appendix E1: Changes to System Upon IST Bundle Install

Over the past months, different installed have occurred on the LyricsDomain.com Web site. On September 16, 2005 CDT conducted one of many tests using several tools to help detect the number of installations. A program called "Hijack This" helped identify 9 .exe installations and 3 Browser Helper Object installations as well as several other changes.

Before visit to LyricsDomain (10:02am):
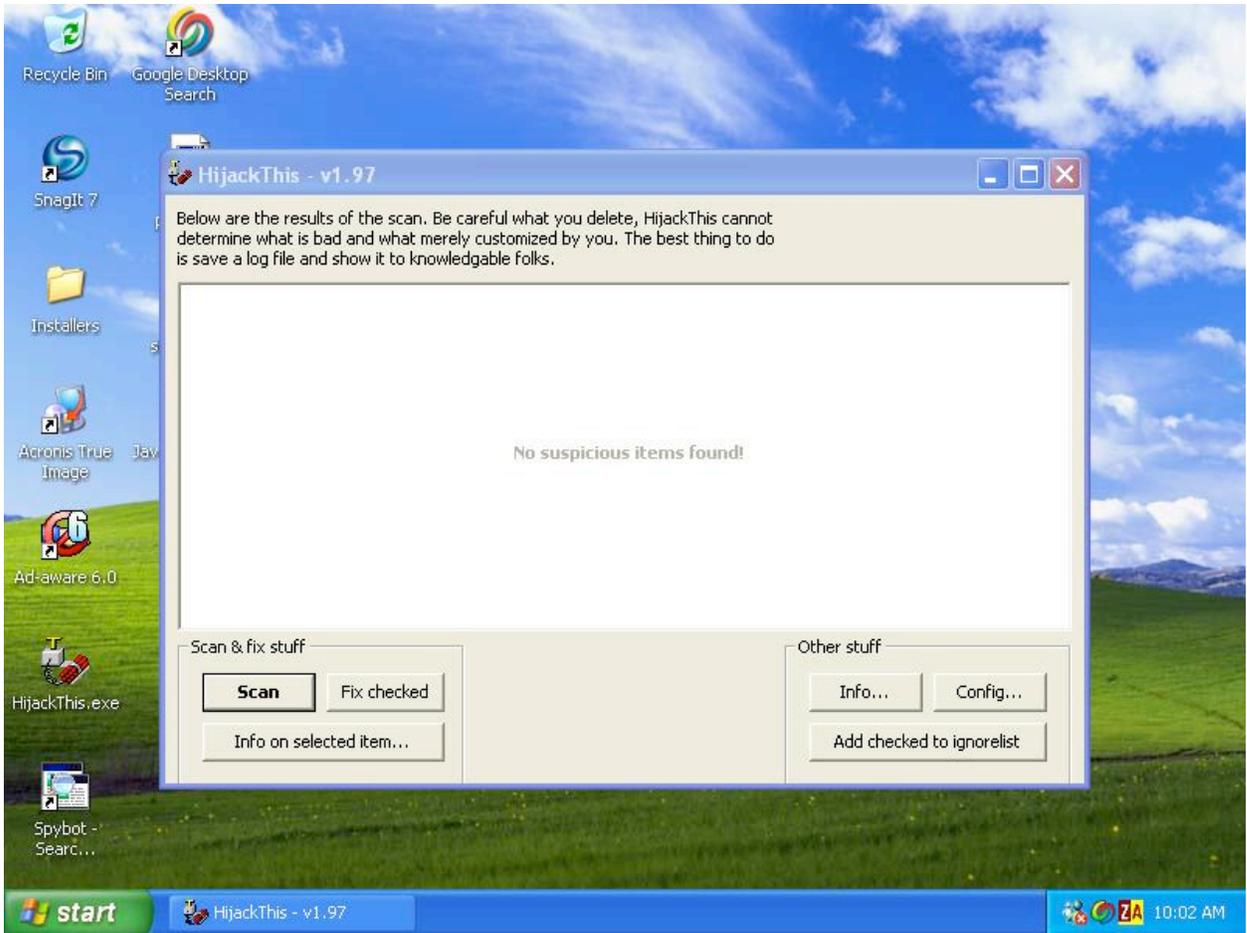
After visit to only LyricsDomain.com and Reboot (10:21am):