Managing Sex Offenders in the Digital Age

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PLEASE: Ask Questions!

- Interrupt at your leisure
- Text or email anytime



Goals

- Understand WHY we choose to monitor sex offenders and their computer/internet use
- Define "monitoring"
- Provide a framework to prepare for effective monitoring
- Discuss the four components of monitoring
- Discuss the five stages of monitoring
- Develop a balanced monitoring approach
- Review some commercial options.

Some Caveats

- Personal views (not my agency's)
- Not an in-depth software tutorial
- Not an in-depth guide to interpretation of results
- Already outdated
- Not an expert



So Why Monitor?

What we know:

- Minimal (no?) research on the efficacy of internet bans, restrictions on sex offender recidivism
- Sex offenders struggle with impulse control.
- The internet can serve an important role in supervision, but increases the likelihood of impulsive acts and isolative behaviors.

Why Monitor?

- What makes sense: "Balance"
 - Benefits to the client
 - Education/employment
 - Social interaction
 - Leisure time interests
 - Increase our knowledge about the client
 - Sexual interests/intensity
 - Social supports
 - Skills, interests, hobbies
 - Potential risks

Risk management

- Access to victims (social networking)
- Discourage isolation
- Decrease anonymity (in regards to sexual behavior)
- Monitor for vulnerabilities and triggers
- Evaluate reactions and responses

What is "Monitoring"

A series of coordinated efforts aimed to create a <u>perception</u> of containment by the client.

A carefully orchestrated approach supporting the client's need for pro-social reintegration.

- -Decrease the likelihood of impulsive acts
- -Minimize isolating and anonymizing activities

The Paradigm Shift

- Some level of computer access is unavoidable
- Computer access can be a positive thing
- Monitoring is necessary
- Monitoring is multi-faceted

- Monitoring should be a graduated process
 - Using delays vs. barriers
- Monitoring is case dependent
 - Skill level of client
 - Skill level of monitor and cohorts
 - Is the risk manageable?
 - Is the timing appropriate?
 - Are the methods appropriate?
- Monitoring requires work on the part of the monitor

Monitoring requires cohorts to be effective

- Spouses
- Employers
- Friends
- Clergy, counselors
- Probation officers

 Monitoring requires work on the part of the officer, but does NOT require an advanced CIS degree

Monitoring is fallible

 You will likely be unable to implement a comprehensive, robust monitoring solution for every client

Why is Monitoring Fallible?

- Impossible to filter all risks
- Impossible to monitor all activities
- Impossible to anticipate all issues
- Workload management
 - Training and testing
 - Installation/configuration
 - Monitoring
 - Performing your job

The knowledge gap

- Your limited technical knowledge
- The clients' skills at: _____
- We will always be at least one-step behind
- The potential "end-run"
 - Clients weigh the cost vs. benefit of digital supervision
 - If cost is too high, they will circumvent your efforts

The tendency to become the client's system admin

BIOS

- User accounts
- Network settings
- Parental controls
- Device management
- Over reliance on software monitoring and neglecting traditional approaches
 - Device inspections
 - Interviews
 - Site visits
 - Collateral contacts



Pre-Monitoring

Evaluate the client's knowledge level

Interview

Computer and internet questionnaire

The Assessment:

Where do you use a computer and/or access the Internet?

Do you use a computer to operate/host a website, electronic bulletin board, list serve, or e-mail service?

Do you use a computer to write or publish material for distribution to the public?

Do you use a computer to sell merchandise over the Internet?

- ♦ Estimate how often you access your computer.
- ♦ Estimate how many hours a week you are on the Internet.

Employer Site		
Do you have Internet access at work?	🗆 Yes 🛛 No	
Do you have remote access to your employer's computer system?	□ Yes □ No	
Do you have e-mail at work?	🗆 Yes 🛛 No	
If so, does your employer monitor your use? (NOTE: This information may be verified.)	🗆 Yes 🔲 No	
Must you use unique passwords to gain access to work computer, your employer's network, and/or the Internet?	□ Yes □ No	
How do your duties at work require computer and/or Internet access?		

Name of e-mail account(s) at work:

School Site		
Are you currently enrolled in an education program?	🗆 Yes 🛛 No	
As a result, do you have Internet access through the school's system?	🗆 Yes 🔲 No	
Do you have e-mail through the school's system?	🗆 Yes 🛛 No	
Do they monitor your use? (NOTE: This information may be verified.)	🗆 Yes 🛛 No	
Do you use unique passwords to gain access to the computer, your school's network, and/or the Internet?	🗆 Yes 🔲 No	
What requires you to have access to the school's computer and/or Internet access?		

Name of e-mail account(s) at school:

♦ Internet Service Providers: ♦ Name ♦ Screen name/login ID ♦ Email address \diamond Passwords ♦ Who has access? ♦ How are you billed? How do you pay? Email accounts, chat/IRC, instant messaging:
Provider
Screen name
Password
Purpose

Social networking accounts
Provider
User name
Password
Purpose

(Note RE: ToS agreements and SO's)

 Websites where you have privileges to send, receive, or store data:

♦ Name

Omain registration

♦ IP Address/Doman name

♦ Purpose

 Remote Storage: Provide complete details regarding any storage locations that are not reflected above.
 Information to include: Location (be specific), storage space allotment, method for paying for space, purpose, and password. ♦ Education

Degrees
Certifications (MCSE, A+)

♦ Date received

Computers

- ♦ Brand, model, serial number, location, networked
- ♦ Who has access?
- ♦ User accounts
- ♦ How many hard drives installed
- ♦ How many partitions per drive

♦ Electronic storage devices Additional hard drives
 ♦ Thumb drives, SD, etc ♦ Cameras ♦ Cell phones ♦ Make/model/serial number ♦ Operating system ♦ Carrier

Smart devices/gaming consoles ♦ Brand ♦ Serial number Network capability ♦ Software Antivirus software
 ♦ Firewall software ♦ System/internet utilities (cCleaner, etc.)

Pre-Monitoring

- Maximize your chances for success
 - Limit the devices (number, complexity)
 - Limit the physical access points
- Configure the device to minimize issues
 - User accounts
 - System preferences
 - Network settings
 - Parental controls

Pre-Monitoring

- Minimize your risk
 - Choose a computer
 - Use a good antivirus product
 - Use a router and firewall
 - Be careful what you click on
 - Clean up regularly

Implement a monitoring agreement

- Specify the conditions of access
- Specify the limits
- Prohibit potential problems
- Minimize privacy violations
 - Written notice(s)
 - Electronic notice(s) upon access

Sample Monitoring Agreement

I understand that I am prohibited from using or possessing any computer(s) or internet-capable device(s) other than those authorized. This includes, but is not limited to: computers, PDA's, portable gaming systems, cellular phones, internet enabled TV devices, etc., at my place of employment, private homes, libraries, schools, or other public locations. I understand that I am prohibited from having another individual access the internet on my behalf to obtain files or information which I am restricted from accessing myself, or accepting restricted files or information from another person.
I will access the internet only through Internet Service Provider(s) which have been specifically authorized. I will not attempt to access any online services or networks using someone else's access point, ISP, account or login credentials. I may be required to make changes to my computer's settings in order to facilitate the evaluation and monitoring of my computer usage. These may include, but are not limited to, user account restrictions, use of passwords, and changing BIOS settings.

- I will not attempt to circumvent the monitoring program by using bootable media, alternative operating systems, or other methods designed to avoid monitoring of my device(s).
- ♦ I will not use "private" or "incognito" browsing options.

♦ I will access my authorized devices using only those user names and accounts which have been disclosed and authorized. I will only access email accounts, instant messaging services, chat rooms, social networking sites, and/or other online environments which have been specifically authorized. I may be required to install and utilize a pre-approved application to access approved services. I will not attempt to alter, delete, or modify any system files in an attempt to circumvent the monitoring of my computer usage. I understand periodic inspections of these files will be performed to ensure compliance. I will not use any software program or device designed to hide, alter or delete records/logs of my computer use, Internet activities or the files stored on my assigned computer(s). This includes the use of encryption, steganography, disk wiping utilities, and cache/cookie removal software. I will not install new operating systems, hardware, software, or effect repairs on my computer system without receiving prior permission. I must receive prior authorization before adding or changing any system settings or software related to virus or spyware protection. ♦ I will not access any newsgroups or utilize any peer-topeer file transfer applications, torrents, Tor, or FTP services without authorization.

A Quick Detour... The Deep/Dark Web

Google

Wikipedia

Academic Information Medical Records Legal Documents Scientific Reports Subscription Information

DEEP WEB

SURFACE WEB

Bing

Contains 90% of the information on the Internet, but is not accessible by Surface Web crawlers.

Social Media

Multilingual Databases Financial Records Government Resources Competitor Websites Organization-specific Repositories

(DARK WEB)

A part of the Deep Web accessible only through certain browsers such as Tor designed to ensure anonymity. **Deep Web Technologies has zero involvement with the Dark Web**.

Illegal Information TOR-Encrypted sites

Political Protests

Drug Trafficking sites Private Communications



Another Detour... Torrents and TOR

Torrents



- "Swarming" is about <u>splitting large files</u> into hundreds of smaller "bits", and then sharing those bits across a "swarm" of dozens of linked users.
- "Tracking" is when specific servers help swarm users find each other.
- Swarm members use special Torrent client software to upload, download, and reconstruct the many file bits into complete usable files.
- Special .torrent text files act as pointers during this whole process, helping users find other users to swarm with, and enforcing quality control on all shared files.

TOR



I will disclose all online accounts, including user-names and passwords upon request. I will also provide telephone/Internet service provider billing records on a monthly basis, as well as proof of the disconnection or termination of such services if requested. I understand that measures to assist in monitoring compliance with these conditions may include the use of tamper resistant tape over unused ports and to seal my computer case, and conducting a periodic hardware/software audit of my computer(s). I must disclose any third-parties who have access to my authorized devices. I must notify any third parties that these devices are subject to monitoring and review and that they should hold no expectations of privacy regarding their activities on the monitored devices. I further understand that I am solely responsible for the content, programs, and data that may be stored on the computer.

A Quick Detour: Logon Banners

Advise users:

- What is considered proper use of the system;
- That the system is being monitored to detect improper use and other illicit activity;
- That there is no expectation of privacy while using this system;
- That keystroke monitoring may be conducted.

◆ I agree to allow the installation of software designed to monitor computer activities on any computer I am authorized to use. I understand that the software may record any and all activity on my computer, including the capture of keystrokes, application information, Internet use history, email correspondence, and chat conversations. I further understand that a notice will be placed on the computer at the time of installation to warn others of the existence of the monitoring software on my computer. I will not to attempt to remove, tamper with, reverse engineer, or in any way circumvent the software. I agree to immediately report any problems with the monitoring software.

I will not engage in activities which may cause me to come into contact with minors. This includes social networking sites, community chat rooms, chat during gaming, or other similar activities.

Pre-Monitoring: The Initial Inspection

- Determine what's present
 - Applications
 - Images
 - Internet history
- Identify areas of concern and focus
- Remove old data
 - Internet history
 - Recycle bin
 - Wipe free space?

Perform a system check

- Physical system overview
 - Ports
 - Peripherals
 - What's nearby?
- BIOS check (if applicable)
- OS check
 - User Accounts
 - Connectivity
 - Disk utilities
 - System audit utilities



Monitoring Begins

- Four components of monitoring
 - Filtering, Software Monitoring, Inspections, Traditional Supervision Skills
 - Each component has an important role
 - Reality demands that we choose aspects of each component
- The monitoring continuum
- Importance of cohorts



The Four Monitoring Components

- Filtering
- Monitoring
- Inspections
- Traditional supervision strategies

The First Component: Filtering

- What is filtering?
 - Something implemented to restrict unwanted content
 - Could be hardware based, web based, or installed software
- Why should we filter?
 - Save time through data reduction
 - Incorporate cohorts
 - Increase first-level accountability
- What are we filtering?
 - Web traffic
 - Applications/Activities
 - Rating based content
 - Time periods

Methods of Filtering

Types of filtering

- Hardware/OS based
- Server/provider based
- Software based

Hardware/OS-Based Filtering

Hardware/OS-Based Filtering

Filtering options are built into the device

- Access points (Linksys Smart Routers)
 - App controlled filtering
- Mobile devices
 - Cell phones
 - Amazon Fire
 - Tablets (Android, iPad)
 - Gaming devices (Xbox, PS, Wii)

Hardware considerations

- Router based options: Doesn't work on devices accessing the internet off of other access points
- OS filter options: Usually only works with default apps (examples: Safari, Chrome)
- Someone must become the system admin
 - Master PW
 - Ongoing authorizations necessary
 - Often tied to an online account service (Microsoft, iCloud, Google)

- Requires more knowledge and time to set up
- Numerous operating systems
 - Each manufacturer has their own implementation
 - Interface varies
 - Features vary
 - Inconsistent terminology

Easy to circumvent

- Shared admin privileges
- Password security
- Device resets
- Use of alternative apps/programs
- Incorrect configuration of settings/permissions
- Use of another device



Windows 10

← Settings		- 0 ×
		Find a setting
Your account Sign-in options Work access	Your family You can allow family members to sig manage family settings online and s stay safe.	
Family & other users	+ Add a family member	
Sync your settings	Child	Can sign in
	Other users	
	Allow people who are not part of yo own accounts. This won't add them	
	+ Add someone else to this PC	c
	Set up assigned access	


https://account.Microsoft.com







Mac OSX

000		Users & Groups	
Show	All	Administrator Standard	Q
Current User	New Account	Managed with Parental Controls Sharing Only	
USPO Fo Admin	Full Name	Group	
Other Users O Guest U Sharing o	Account name:	ClientAccount	
	Password:		Ŷ
	Verify:		
	Password hint: (Recommended)		
▲ Login O + - ★	?	Cancel	reate User

?

Click the lock to prevent further changes.



	Parental Controls
Show All	٩
A Client "Test" Account	pps Web People Time Limits Other
4	Use Simple Finder Provides a simplified view of the computer desktop for young or inexperienced users.
	Limit Applications Allows the user to open only the specified applications. An administrator password is required to open other applications.
	Allow App Store Apps: All \$
	Allowed Apps:
	 App Store Other Apps Widgets Utilities
	Allow User to Modify the Dock Allows the user to modify the contents of the Dock.
+ - 🌣	Logs
Click the lock to prevent further change	es. (?)

	Parental Controls
I ▶ Show All	Q
Client "Test" Account	Apps Web People Time Limits Other
	Website Restrictions
	Allows access only to websites with appropriate content or websites you specify.
	Allow unrestricted access to websites
	 Try to limit access to adult websites automatically
	Customize
	Allow access to only these websites
	🚱 Apple — Start
	🙆 Discovery Kids
	O PBS Kids
	HowStuffWorks
	🕜 National Geographic – Kids
	Yahoo! Kids
	Disney Scholastic.com
	Smithsonian Institution
	Time for Kids
	+ -
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	Log Collections Websites Visited Image: Collections Image: Collections <t< th=""><th>omatically</th></t<>	omatically

00	Parental Controls
Show All	Q
Client "Test" Account	Apps Web People Time Limits Other Image: Second state of the
	Limit Mail Limit Messages Limit chat and email exchanges to the addresses added to this list.
	+ - Send permission requests to: Sends an email to this address whenever the user attempts to exchange
+ - 🌣	email with a contact who is not in the approved list.
Click the lock to prevent	further changes.

000	Parental Controls
Show All	Q
Client "Test" Account	Apps Web People Time Limits Other
Usmusry 1 2 3 4 8 9 9 5 64 7 1 2 24 5 5 10 12 22 23 54 55 24 36 11 12 24 54 55 24 36 35 24 36 35 24 36 35 24 36 36 1	Allows access to this computer Monday through Friday for the
	Limit computer use to: 3 hours a day 30 minutes 8 hours
Contrology 1 2 0 4 0 19 10 10 10 10 20 10 20 10 20 10 20 10 20 10 20 10 20 10 20 10 20 10	Allows access to this computer Saturday and Sunday for the specified number of hours only.
	Limit computer use to: 5 hours a day
5 7 6	Bedtime Prevents access to this computer during the specified hours.
	School nights: 8:00 PM to 6:00 AM Sunday - Thursday
	Weekend: 8:00 PM to 6:00 AM Friday and Saturday
+ - 🌣	
Click the lock to prevent further c	anges.

0 0	P	Parental Controls
◄ ► Show All		Q
Client "Test" Account		pps Web People Time Limits Other
		✓ Disable use of Dictation Prevents user from enabling Dictation in the Dictation & Speech preference pane.
	And the second	Hide profanity in Dictionary Limits access to inappropriate content in sources such as dictionaries, thesauruses, and Wikipedia.
		Limit printer administration Prevents the user from changing printer settings, adding printers, and removing printers.
	6	Limit CD and DVD burning Prevents the user from burning CDs and DVDs in the Finder.
	P	Disable changing the password Prevents the user from changing their password in the Users & Groups preference pane.
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iOS Restrictions

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	Settings	
	Notifications	>
	Control Center	>
C	Do Not Disturb	>
\bigcirc	General	>
AA	Display & Brightness	>
	Wallpaper	>
())	Sounds	>
	Siri	>
	Touch ID & Passcode	>
	Battery	>
	Privacy	>

iCloud

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Settings	General	
About		>
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Spotlight Search		>
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🕻 Ge	neral Restrictions	
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	Deleting Apps	
A	In-App Purchases	

ALLOWED CONTENT:

Ratings For	United States	>
Music, Podcasts & News	Explicit	>
Movies	All	>
TV Shows	All	>
Books	All	>
Apps	All	>
Siri	All	>
Websites	All	>

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〈 General	Restrictions	
PRIVACY:		
Location Servio	ces	>
Contacts		>
Calendars		>
Reminders		>
Photos		>
Share My Loca	ition	>
Bluetooth Shar	ring	>
Microphone		>
Speech Recog	nition	>
Twitter		>
Facebook		>
Media Library		>

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Restrictions	Websites	
ALLOWED WEBSITE	ES	
All Websites		~
Limit Adult Con	tent	
Specific Websit	es Only	

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Restrictions	Facebook	
Allow Changes		~
Don't Allow Cha	anges	

Disallowing changes locks the settings shown below and prevents new apps from using your Facebook account.

Applications that have requested access to your Facebook account will appear here.

Android Restrictions





Saving screenshot		
Settings		
WIRELESS & NETWORKS		
< Wi-Fi		ON
∦ Bluetooth	OFF	
🕐 Data usage		
More		
DEVICE		
외》 Sound		
🖻 Display		
🖽 Split Screen mode		ON
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Add		abMusic	OFF
User		abPhoto	OFF
Users have their own apps and content Restricted profile		abVideo	OFF
You can restrict access to apps and content from your account		AccuWeather	OFF
		Acer Accessories	OFF
		Acer Portal	OFF
		Amazon	OFF
		Amazon app suite	OFF
		kindle Amazon Kindle	OFF
		Ú Ú	

Kindle Fire Restrictions

Fire Tablet 3

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← Parental Controls

Household Profiles

You can add an adult and up to 4 children on this device. For children 17 and under, you can create a profile and choose content you have purchased for each child. You have complete control over which content each child can access.

Parental Controls

Restrict purchasing, content types, web browsing and access to other features

← Parental Controls

Household Profiles

You can add an adult and up to 4 children on this device. For children 17 and under, you can create a profile and choose content you have purchased for each child. You have complete control over which content each child can access.

Parental Controls •) Restrict purchasing, content types, web browsing and access to other features Web Browser Blocked Email, Contacts, Calendars Blocked Social Sharing Blocked Camera Blocked Amazon Stores Unblocked To restrict Amazon Instant Video, use Password Protect Video Playback Password Protect Purchases •) Require a password to purchase and download from the Amazon Stores or the Shop Amazon app Password Protect Video Playback Require a password to play Video Block and Unblock Content Types Newsstand, Books, Audiobooks, Music, Videos, Docs, Apps, Games and Photos Change Password Password Protect Wi-Fi • Require a password to turn on Wi-Fi \triangleleft 0

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Content Types

Newsstand	Blocked
Books & Audiobooks	Unblocked
Music	Unblocked
Video	Unblocked
Docs	Blocked
Apps & Games	Blocked
Photos	Unblocked

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Profiles & Family Library

Profiles allows each member of your family to have a personalized experience on this device. You can easily switch between profiles from the lock screen and have your own customized home screen, collections, preferences, apps, and content.

Amazon Households enables customers within a family to get more out of their Amazon accounts. Two adults can collectively manage content and services for themselves and for up to four children.

Prime members can share Prime FREE Two-Day Shipping, Prime Instant Video streaming, Prime Early Access, and the ability to borrow books from the Kindle Owners' Lending Library. Prime members with Amazon Mom can share their diaper and Baby Registry accounts.

Learn more about Profiles & Family Library

Learn more about Amazon FreeTime

Add a child profile

Kids can explore content on their own in a kid-safe environment. You can choose what content each child sees and set educational goals and time limits. You'll need to set a lock screen PIN.

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Chris Hoffman

Manage your profile

Manage your Family Library sharing settings



Child Manage this child's FreeTime experience

Household Payment Information

View and copy your household's payment methods

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Child Daily Goals &	Time Limits			C
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Bedtime Set when Chi	ld can use Amazon FreeT	Time during the	day.	
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8:00	PM	8:00	AM	
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Server-Based Filtering

But First... The Internet (simplified)

Every device must have a unique IP to communicate

 DNS's manage the assignments between IP addresses and registered names



A router determines how information is passed in the most efficient manner.

IP and DNS





Where Can Filtering Occur?



Where Can Filtering Occur?



Where Can Filtering Occur?



Accessing IP/DNS Settings

Network Configuration: Windows

			Network and Sharing Center
🕑 🍚 🔹 🕇 💐 🕨 Control Pa	nel All Control Panel Items Network	and Sharing Center	
Control Panel Home	View your basic network info	ormation and s	et up connections
Change adapter settings	View your active networks		
Change advanced sharing settings	Public network		Access type: Internet Connections: JU Wi-
	Change your networking settings —		
	Set up a new connection or Set up a broadband, dial-up		n; or set up a router or access point.
	Troubleshoot problems Diagnose and repair netwo	rk problems, or get	troubleshooting information.



	Networking Sharing			
	Connect using:			
-) -> - 1 👱 + Co	Marvell AVASTAR Wireless-	AC Network Controller		
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Marvell AVASTA	🗹 🔺 Link-Layer Topology Disco	overy Responder		
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General Alternate Configuration				
---------------------------------	--			
	utomatically if your network supports d to ask your network administrator			
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Use the following IP address:				
IP address:	a (a) (a)			
Subnet mask:	a			
Default gateway:	* (*) (*			
Obtain DNS server address au	utomatically			
Use the following DNS server	addresses:			
Preferred DNS server:				
Alternate DNS server:	a			
Validate settings upon exit	Advanced			

Network Configuration: iOS



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< Wi-Fi							
Forget This Network							
IP ADDRESS							
DHCP	BootP	Static					
IP Address		192.168.1.70					
Subnet Mask		255.255.255.0					
Router		192.168.1.1					
DNS		192.168.1.1					
Searc		wavecable.com					
Client ID							
Renew Lease							
HTTP PROXY							
Off	Manual	Auto					

Server-Based Filtering

Server-based filtering types

- Traffic flows through a third party provider w/existing ISP (DNS Based)
 - OpenDNS (FREE)
 - Norton Connectsafe (FREE)
- Private ISPs
- Integrity Online (fee based)

OpenDNS Features

(https://www.opendns.com/home-internet-security/)

Governs entire access point

Free

Easy to set up

- Two products
 - OpenDNS Family Shield (adult content)
 - OpenDNS Home (custom filters)

OpenDNS considerations

- Doesn't work on devices accessing the internet off of other access points (cell phones!)
- Will filter "most" adult content
- Easy to circumvent
 - Change DNS settings
 - VPN/TOR/Proxies

OpenDNS

<u>https://www.opendns.com/home-internet-security/</u>

Thanks for choosing OpenDNS! To get started, you'll need to set up one or more of your devices to use OpenDNS's DNS nameservers. For instructions on how to do this, choose your device type from one of the categories below.



NOTE: When following the device instructions, be sure to use our FamilyShield nameservers instead. Our FamilyShield nameservers are:

208.67.222.123 208.67.220.123

CHOOSE YOUR DEVICE

Settings for: home

) ~

Add/manage networks

Web Content Filtering Security Customization Stats and Logs Advanced Settings

Users can contact you

Your users can contact you directly from the block page if they have questions. It'll show up as an email in your inbox.

Note about DNS forwarding

If you are forwarding requests to OpenDNS, domain blocking may not work properly if the domain's address is in your forwarder's cache.

Check a domain

Find out whether it would be blocked, and why.

Neb	Content F	iltering
-----	-----------	----------

Choose your filtering level

🔿 High	Protects against all adult-related sites, illegal activity, social networking sites, video sharing sites, and general time-wasters. 26 categories in this group - <u>View</u> - <u>Customize</u>
Moderate	Protects against all adult-related sites and illegal activity. 13 categories in this group - <u>View</u> - <u>Customize</u>
• Low	Protects against pornography. 4 categories in this group - <u>View</u> - <u>Customize</u>
O None	Nothing blocked.
○ Custom	Choose the categories you want to block.

Manage individual domains

If there are domains you want to make sure are always blocked (or always allowed) regardless of the categories blocked above, you can add them below.

Always block 🗸

APPLY

ADD DOMAIN

ig)	Custom Choose the categories you want to block.					
	Academic Fraud		Adult Themes	✓	Adware	
✓	Alcohol		Anime/Manga/Webcomic		Auctions	
	Automotive		Blogs		Business Services	
	Chat		Classifieds	✓	Dating	
✓	Drugs		Ecommerce/Shopping		Educational Institutions	
	File Storage		Financial Institutions		Forums/Message boards	
✓	Gambling		Games		German Youth Protection	
	Government	✓	Hate/Discrimination	✓	Health and Fitness	
	Humor		Instant Messaging		Jobs/Employment	
✓	Lingerie/Bikini		Movies		Music	
	News/Media		Non-Profits	✓	Nudity	
	P2P/File sharing		Parked Domains		Photo Sharing	
	Podcasts		Politics	✓	Pornography	
	Portals	✓	Proxy/Anonymizer		Radio	
	Religious		Research/Reference		Search Engines	
✓	Sexuality		Social Networking		Software/Technology	
	Sports	✓	Tasteless		Television	
	Tobacco		Travel		Video Sharing	
	Visual Search Eng	gines 🗸	Weapons		Web Spam	
	Webmail					

Stats and Logs

Enable stats and logs

OpenDNS gives you the choice to turn on (or off) data collection. If you disable this feature, we will stop logging your DNS lookups on a go-forward basis. Your charts and stats will reflect this choice: there will be no data from that point forward.

APPLY

Purge DNS data

This button simply deletes all the DNS data we have for this network up to this point in time. Think of it as a way of resetting your stats to zero.

PURGE MY DATA!

'liste Umbrella

This domain is blocked due to content filtering.

www.xvideos.com

Dad has blocked this site. www.xvideos.com is not allowed. If you have a good reason for being on this site, ask your Daddy!

If you think this shouldn't be blocked, please contact your network administrator.

This site was categorized in: Pornography

Diagnostic Info

Norton ConnectSafe

<u>https://dns.norton.com/index.html</u>

safe from Web sites with undesirable

content. Norton ConnectSafe blocks

inappropriate content in 23 different

languages.

(ک)	Norton [™] ConnectSafe				_	Help 🔹	Norton Apps 🔹
I	Norton [™] ConnectSa	fe					
	Norton ConnectSafe is a free service that lefense by blocking unsafe sites automat		a first layer of		Get Started		
С	On a computer, Norton ConnectSafe doe: comprehensive protection of a full securit nternet Security or Norton 360. Instead, I	y product	such as Norton	_			Safe for personal/home Terms of Service
р	provides basic browsing protection and co enabled devices on your home network.			8	Frequently Aske	d Questions	3
	Fast and Simple to Get Started		Works in the Backgrou	nd		No Softwa	ire to Install
Ĩ,	Choose from three levels of protection. No complicated rules or settings.	1	Norton ConnectSafe works background. Norton Connec you when it blocks an unsat	tSafe notifi		service and	nectSafe is a cloud-based does not require any software or stallation. Norton ConnectSafe is
	Acts as a First Layer of Defense	-				free for non-	commercial use.
•	Norton ConnectSafe automatically blocks known unsafe, fraudulent, phishing and infected Web sites from entering your home network and causing harm to your devices.	\odot	No Slow Downs Norton ConnectSafe does r space or memory. Therefor performance and efficiency is not affected.	e, the		Norton Con Norton Safe	Protection nectSafe leverages the power of Web, which contains on millions of Web sites
\Diamond	Blocks Unwanted Content Norton ConnectSafe helps keep your kids		Protects Your Entire He	ome Netw	ork	accessed bi	llions of times each day. nectSafe uses data from

Norton ConnectSafe protects all Webconnected devices on your home network, including tablets, laptops, desktops, game consoles and mobile devices. Norton ConnectSafe does this without any additional software.

industrial-grade Symantec content filtering.

includes Web sites in 23 different languages

Symantec's content categorization data

on more than 50 million Web sites.

Norton ConnectSafe Features

- Governs entire access point
- Free
- Easy to set up
- Pre-configured policy options

Norton ConnectSafe considerations

- Doesn't work on devices accessing the internet off of other access points (cell phones!)
- Will filter "most" adult content
- Easy to circumvent
 - Change DNS settings
 - VPN/TOR/Proxies

On a computer, Norton ConnectSafe does not replace the



Using Norton ConnectSafe

There are two basic ways to use Norton ConnectSafe.

- · You can either setup your router to use Norton ConnectSafe and protect your entire home network (recommended)
- · You can set up Norton ConnectSafe on individual computers

If you choose to setup Norton ConnectSafe on individual computers, we recommend downloading the optional software utility that will help you make the change.

Configure Router

Protect all devices on your network (recommended)



Setup Norton ConnectSafe

Mac User? Click here for (

Click here for OS X setup instructions

content. Norton ConnectSafe blocks nappropriate content in 23 different

connected devices on your home network, including tablets, laptops, desktops, game

Symantec's content categorization data includes Web sites in 23 different languages



X

- Policy 1: Security (199.85.126.10 and 199.85.127.10) This policy blocks all sites hosting malware, phishing sites, and scam sites. To use Policy 1, you should configure the DNS settings of your home router or Web-enabled device to use the following Norton ConnectSafe IP addresses: 199.85.126.10 and 199.85.127.10.
- Policy 2: Security + Pornography (199.85.126.20 and 199.85.127.20) In addition to blocking unsafe sites, this policy also blocks access to sites that contain sexually explicit material. To use Policy 2, you should configure the DNS settings of your home router or Web-enabled device to use the following Norton ConnectSafe IP addresses: 199.85.126.20 and 199.85.127.20.

Policy 3: Security + Pornography + Other (199.85.126.30 and 199.85.127.30) In addition to blocking unsafe sites and pornography sites, this policy also blocks access to sites that feature mature content, abortion, alcohol, crime, cults, drugs, gambling, hate, sexual orientation, suicide, tobacco or violence. To use Policy 3, you should configure the DNS settings of your home router or Web-enabled device to use the following Norton ConnectSafe IP addresses: 199.85.126.30 and 199.85.127.30.

DNS Filtering: Issues

- Google image searches
- Filtering settings/strength
- VPN conflicts
- "Works" with private browsing

Software-Based Filtering

Software Filtering Options

- Platform/OS specific
- Different capabilities for different platforms
- May include some features of a monitoring product
- Two popular commercial options
 - Covenant Eyes
 - NetNanny

Convenant Eyes

- Features
 - Filtering algorithms based upon age ranges
 - Six levels of filtering
 - Allow List Only
 - E, Y, T, MT, M
 - Simplified purpose (aimed at blocking pornography)
 - Low cost
 - Multiple platform support
 - One username, multiple device enrollment

Considerations

- Multiple platform support, but different interfaces for each platform
 - PC/Mac: Accountability and filtering
 - Android/Kindle: Accountability only
 - App locking
 - Tracks unmonitored app usage
 - iOS: Only monitors activity occurring through the CE app.
 - Relies on system restrictions

- Availability and suitability of accountability partner(s)
- Technical knowledge of offender vs. accountability partner(s)

- Configuration and concerns
 - VPN, Tor, HTTPS
 - Filter strength (teen)
 - Custom block/allow lists

CovenantEyes

Strategies

Watch for strange times

- Late nights
- Spouse isn't home
- High-stress periods
- Check the device
- Watch for patterns

Covenant Eyes: iOS





●●○○○ Verizon 🗢

5:11 PM covenanteyes.com * 40% 💷 ●●○○○ Verizon 穼

5:11 PM covenanteyes.com \$ 40% ■

This is your browser.

There are many like it, but this one is yours.

A browser is a portal inside your laptop, desktop, or mobile device which allows you to visit any website you want.

There are many browsers out there, such as Google Chrome, Firefox, Internet Explorer, and Safari... but only the Covenant Eyes browser offers built-in Accountability and Filtering for iPhone®, iPod touch®, or iPad®. Use our browser to go online with peace of mind.





Let's talk restrictions.

They're the safest way.

Did you know you can lock down unmonitored apps, like the YouTube app? Enabling restrictions is the safest way to ensure maximum protection.

Watch the video to find out more about how to enable restrictions, or if the video won't play due to Filter settings, please read this support article.





Convenant Eyes

Report features

Summary

- Filtering level
- Flags whether review is warranted
- Installs/uninstalls
- Web searches

Incidents: Lists any Highly Mature (HM) content and the pages before/after

Incidents

An Incident is created when Covenant Eyes detects Highly Mature content. Incidents then show all of the Web Searches & Viewed Pages surrounding the HM content, regardless of rating. Incidents are sorted in order by Date.

Learn more about Incidents

Incidents Overview

3 Incidents occurred during this reporting period.

Friday, Apr 15, 8:08 pm

1 HM rated page viewed

Saturday, Apr 16, 3:13 pm

1 HM rated page viewed

Incident

Saturday, Apr 16, 3:13 pm

Devices: Mac 10.10.5 device. Summary: There was 1 Highly Mature page viewed in about 2 minutes.

3:13 pm | SITE VISIT

consequenceofsound.net

Result: Viewed 12 pages, including 1 HM. Site Rating: Highly Mature Time Spent: About 24 minutes.

Websites for review

- All web activity rated at or above filter level
- Quick list of domain level activity
- Activity for review
 - Web activity rated at or above filter level
 - Logs highest rated page, not whole site
 - Logs three highest rated pages

google.com

Covenant Eyes | The Standard of Internet Integrity

https://www.google.com/search?q=porn&biw=768&bih=916& ...

Blocked Page: October 15, 2015 6:42:32 pm

Search Engine – Rating reflects analysis of specific search results. Seemingly innocent searches may have highly objectionable results that may not be appropriate for teens under 18.

Rated: HM

Covenant Eyes | The Standard of Internet Integrity

http://www.google.com/m?q=sexy google Blocked Page: October 15, 2015 6:42:39 pm Rated: M

lingerie – Google Search

http://www.google.com/search?client=safari&rls=en&q= ... Viewed Page: October 15, 2015 6:40:19 pm Rated: M

All Web Content from google.com

- Secondary content: ads and other content with ratings
- Average hourly usage
- Top websites
- Android apps

NetNanny

Features

- Dynamic, content sensitive filtering algorithms
- More aggressive filtering (language, gaming, social networking)
- PC/OSX/iOS/Android support
 - iOS
 - Requires browser app
 - Relies on OS restrictions

NetNanny Considerations

- Multiple platform support, but different interfaces for each platform
- Relatively easy to bypass
- Availability and suitability of accountability partner(s)
- Technical knowledge of offender vs. accountability partner(s)

NetNanny: iOS



Parental Controls

Done

Parental Controls (Important!)

For Net Nanny to offer effective protection, Safari and other web browsing apps must be disabled. Please follow these instructions to fully protect your device. You can review these instructions at any time within the Net Nanny App by choosing **Settings**, then **Parental Controls** from within the Net Nanny App.

Step 1: Disable Safari

- 1. Press the Home button to return to your device's Home screen.
- 2. Start the Settings app.
- 3. Touch General to show the General settings.
- Scroll the screen to find **Restrictions** and touch it. If restrictions are already enabled, you will be prompted for your passcode.
- If you were not prompted for a passcode, restrictions are not yet enabled. Touch Enable Restrictions and enter a passcode that you will remember. Enter the passcode a second time to confirm.
- 6. Touch the On/Off switch next to Safari to set

Parental Controls

Done

it to **Off**. This turns off access to the Safari web browser. For web browsing users should now use the Net Nanny App.

Step 2: Prevent App Installation and Deletion

- To prevent installation of other web browsers or apps, touch the switch next to **Installing Apps** to set it to **Off**.
- To prevent deletion of Net Nanny and other apps, touch the switch next to Deleting Apps to set it to Off.

Need More Help?

For additional information, please visit:

http://www.netnanny.com/support/ios/

🕖 Net Nanny®

•••••• Verizon Cogle Coogle https://www.google.com/ ALL IMAGES III Sign in Sign in




The Second Component: Software Monitoring

- Software based
- Real-time vs. delayed
- On-site vs. remote

Monitoring Software

Industry specific options

- Specific to probation/parole, employers
- Customizable options
- Licensing issues
- High cost

Commercially available options

- Designed for children, spouses, employees
- Lower cost
- Flexible licensing options
- Webwatcher, SpyAgent

Software Monitoring Considerations

- Time commitment
- Level of offender commitment
- Availability and suitability of accountability partner(s)
- Technical knowledge of offender vs. accountability partner(s)

Technical Aspects of Monitoring

- Platform specific
- Ease of use and learning curves
- No perfect solutions
 - SSL
 - Web-based email
 - Peer-to-peer activities
 - "Portal" sites

Ability to interpret results

- Understanding of software
- Understanding of data

Software Monitoring

- What are we wanting to evaluate?
 - Internet History
 - Chat activities
 - Social networking sites and applications
 - Image transfers
 - Application usage
 - Peer to Peer activities
 - Screen activity
 - Internet and file searches

- Keywords?
- Documents
- Email
- SMS/MMS messaging
- Call logs
- Keystrokes

What to look for?

- Patterns
- Peer to peer activities (torrents, clients, TOR, proxy lists)
- Time spent on activities
 - Establish patterns
 - Establish areas of focus/concern
- Lack of activity
- Applications used

Monitoring Software Considerations

- Installation
 - Remote
 - Onsite
- Configuration
 - Take time to research the options
 - Manage your workload
 - Define targets wisely
 - Adjust reporting as necessary
 - Test!

Monitoring Software

Popular commercial options

- Spytech SpyAgent, Real-Time Spy
- Webwatcher

(Overview at end of PPT)

Probable Circumvention Avenues

- "Private" browsing
- Flash drive browsers
- Multiple/bootable OS's
- Antivirus/antispyware detection

Private Browsing: Internet Explorer



Private Browsing: Firefox

8

Private Browsing with Tracking Protection

When you browse in a Private Window, Firefox does not save:

- visited pages
- searches

- cookies
- temporary files

Firefox will save your:

• bookmarks

downloads

Private Browsing doesn't make you anonymous on the Internet. Your employer or Internet service provider can still know what page you visit.



Some websites use trackers that can monitor your activity across the Internet. With Tracking Protection Firefox will block many trackers that can collect information about your browsing behavior.

See how it works

Private Browsing: Google Chrome

How Incognito mode works

Incognito mode opens a new window where you can browse the Internet in private without Chrome saving the sites you visit. You can switch between an Incognito window and any regular Chrome browsing windows you have open. You'll only be in Incognito mode when you're using the Incognito window.

Others can see some information

Incognito mode only prevents Chrome from saving your site visit activity. It won't stop other sources from seeing what sites you've visited, including:

- · Your Internet service provider
- Your employer (if you're using a work computer)
- · The websites you visit themselves

Downloads are saved to your computer

Chrome won't save a record of the files you download in Incognito mode. However, the downloaded files will be saved to your computer's Downloads folder, even after you close your Incognito tabs. You and anyone who uses your computer can see and open the files.

For more information about what's stored in Incognito mode, visit the Chrome Privacy Policy Z.

Flash Drive Browsers

Without a Trace: Turn Your Flash Drive into a Portable Privacy Toolkit



Jason Fitzpatrick 9/03/10 9:00am $\,\cdot\,$ Filed to: PRIVACY $\,\smile\,$



Whether you're trying to increase your security at an internet café, tunnel your way to your home computer from your cubicle, or leave no trace on your friend's borrowed computer, a flash drive turned portable privacy toolkit is invaluable.

How to address private browsing

- Screenshots triggered by browser executable
- Check filtering logs (opendns, CE, NN)

- Circumvention by bootable OS's, multiple operating systems
 - Windows
 - Linux
 - Mac OSX

bootable flash drive OS

e

Settings Tools

Q

About 580,000 results (0.84 seconds)

How to Carry Any Operating System in Your Pocket | PCWorld

www.pcworld.com/article/.../how_to_carry_any_operating_system_in_your_pocket.h... ▼

Apr 18, 2012 - Creating a bootable version of Windows, Mac OS, or Linux is a great way to repurpose your old USB flash drives. You never know when you ...

Create a bootable installer for macOS - Apple Support https://support.apple.com/en-us/HT201372

Nov 3, 2016 - Mount your USB flash drive or other volume. You could ... /Applications/Install\ OS\ X\ Yosemite.app/Contents/Resources/createinstallmedia.

How to Make a Bootable macOS Sierra USB Install Drive - Lifehacker

lifehacker.com/how-to-make-a-bootable-macos-sierra-usb-flash-drive-1786853248 **•**

Sep 20, 2016 - Open Disc Creator and click the "Select the **OS** X Installer" button. ... When it's done, insert your **USB** drive into any Mac, then launch the ...

Create Bootable USB Drives and SD Cards For Every Operating System

www.howtogeek.com/.../how-to-create-bootable-usb-drives-and-sd-cards-for-every-o... 🔻

Jul 29, 2015 - You can't just copy files from an ISO disc image directly onto your **USB drive**. The **USB drive**'s data partition needs to be made **bootable**, for one ...

How to create a bootable USB stick on Windows | Ubuntu

https://www.ubuntu.com/download/desktop/create-a-usb-stick-on-windows ▼

To run or install Ubuntu from a USB stick, the first thing you need to do is insert a USB stick ... There's no need to replace your operating system to try Ubuntu.

Create a Bootable Flash Drive With OS X Lion Installer - Lifewire

https://www.lifewire.com > ... > Macs How-Tos > Mac Tutorials & Resources 🔻

Jul 31, 2016 - **OS** X Lion does not come with a **bootable** installer. But with the help of this guide, you can create your own **bootable** Lion installer on a USB ...

Make a Bootable USB Installer for OS X El Capitan - Lifewire

https://www.lifowiro.com 🔪 🕓 Maas How Tas 🔊 Maa Tutorials & Pasauroos 💌

How to address "dual"-boot machines

- Ask the client
- Verify
 - Windows: Disk Manager
 - OSX: Boot Camp
- Low tech options for high tech clients...

TAMPER RESISTANT TAPE

TAMPER RESISTANT TAPE

TAMPER RESISTANT TAPE



"Circumvention" by Antivirus or Spyware programs

- AV/Spyware software may detect the executable and kill the process
- Most vendors attempt to prevent this
- Add exceptions to the AV/Spyware "safe list"...



The Third Component: Inspections

Purpose

- Verify compliance with filtering/monitoring
- Identify weaknesses in filtering/monitoring
- Increase offender accountability
- Considerations
 - Who is going to do it?
 - Tools/techniques
 - TIME

Inspection Targets

- The DESKTOP
- Start menu and taskbar
- MRU or recent files
- User libraries (photos, videos, documents)
- Installed browsers
- Browser settings
- Browser history
- Running processes
- User accounts
- Mapped network drives/external storage
- The physical machine (ports, SD card, tamper signs)

Built in system utilities:

• Windows: Disk Management

Image: Simple and Simple	a				D	isk Manage	ment				_ □ >
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Inspection Techniques

DIY

- Automated tools
 - System profilers
 - Winaudit
 - https://winaudit.codeplex.com/
 - <u>https://forensiccontrol.com/resources/free-software/#internet-history</u>
 - List of over 140 free tools

The Fourth Component: Traditional Supervision Techniques

- Watch for patterns
- Polygraphs
- Ask questions
- Corroborate client reports
- Involve collateral contacts
- Site visits



The Continuum Approach to Monitoring

- Total ban
- Qualified Ban
- The Trust-Building Phase
- The Transition Phase
- The Hand-Off

The BAN



Stage 1: The Total Ban

Cell phones and data plans (the conundrum)

- Finding a suitable phone
- Finding a suitable provider
- No computers
- No internet access
- No smart devices
- No gaming devices
- No data storage devices

- In most cases, total bans should be used sparingly and temporarily
 - 12 states with some form of legislation restricting sex offenders' internet or social networking access
 - At least 4 of these have been successfully challenged (1st/4th amendment basis)
 - Special conditions for supervised offenders restricting internet access must be carefully tailored

Stage 2: The Qualified Ban

- Use of a device without internet access
 - Cell phones, Amazon Kindle, Nook, gaming platforms
- Internet access with significant limits
 - Pre-defined apps
 - Pre-approved site lists
 - Time frames
 - Computer and internet activity journals
 - Use of a device with parental restriction capabilities
Another Detour.... Popular Social Networking and Mobile Apps

- Snapchat
- Facebook
- Instagram
- Twitter
- Pinterest

- Tumblr
- WhatsApp
- Music.ly
- Kik
- WeChat

- YouTube
- Tinder,
 MeetMe,
 MyLoL, etc.

Stage 3: Trust Building

- Comprehensive monitoring of activities
- Multiple methods of accountability
- Multiple cohorts
- Frequent review of data and devices
- Monitoring the development of internal controls

Stage 4: Transition

- Reduction in oversight
- Cohorts begin to take over
- Demonstration of effective and consistent internal controls during previous stage lead to the gradual reduction in external controls.

Stage 5: The Hand-Off

Client and social supports are fully responsible

 Goal is for client to understand and accept need for prolonged accountability

How to Utilize the Staged Approach

Akin to the "Use of Force Continuum"

- Level used is based upon the client's risk presentation
- Level used is sufficient, but not greater than necessary, to control the client's presented risk
- Can move up and down the continuum as conditions change



Developing a Balanced Approach to Monitoring

- Create a PERCEPTION of containment
- Train to increase knowledge of what we don't know vs.
 "this is how to monitor"
- Watch for patterns
- Remain suspicious
- Focus on traditional supervision tools/methods

Generate and maintain client buy-in

- Provide hope
- Encourage development of internal controls through positive reinforcement
- Manage your workload
 - Target resources according to risk of re-offense
 - Evaluate dynamic and acute risk status and adjust strategies as needed (CP offenders)



What if You Find...?

- Network security
- What do I do now?
 - Remain cognizant of evidentiary/forensic processes

Legal Considerations

- Privacy expectations
 - Set up a written agreement
 - Post a physical or electronic notice
- ECPA
 - Pertains to LE
 - Don't access "stored" communications
- Protected communications
 - Legal
 - Medical



Spytech Software

- SpyAgent
- Real-Time Spy

SpyTech SpyAgent

- Windows OS only
- Local installation
- Web, Application, and Chat filtering
- Custom alert options
- Higher price point than filtering software

SpyTech Realtime-Spy

- Windows/OSX/Android
- Remote installation, cloud based service
- Remote desktop viewing
- Remote lockdown
- Higher price point

Spytech Pricing

Product	Price
SpyAgent	\$69.95
SpyAgent Stealth Edition	\$79.95
<u>SpyAnywhere</u>	\$39.95
SpyAnywhere Stealth Edition	\$49.95
SpyAgent/SpyAnywhere Suite	\$84.95
SpyAgent/SpyAnywhere Suite Stealth Edition	\$99.95
<u>NetVizor</u>	\$295.00
<u>Realtime-Spy</u>	\$79.95
Realtime-Spy PLUS	\$99.95
Realtime-Spy for Mac OS X	\$79.95
Realtime-Spy PLUS for Mac OS X	\$99.95
Realtime-Spy Mobile	\$79.95
Realtime-Spy PLUS Mobile	\$99.95
Realtime-Spy Additional License	\$19.95
SentryPC	¢50 Q5

Spytech Software

Demo: Spyagent (Windows)

- Turn OFF Windows Defender/anti-virus
- Install
- Add exception to WD/AV

Spytech Software

- Demo: Real-Time Spy (online demo)
- https://www.spytechweb.com/download.shtml#realtimespy

Webwatcher

- Multiple platform support: Windows, OSX, iOS, Android
- Online web portal for reports and configuration
- Optional alerts
- Optional web filtering
- Roughly \$100/year/device
- All devices monitored through same interface

Webwatcher

Interface walkthrough

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rinted Documents rograms	chrome.exe (1636)	1/26/2017 7:42:05 PM		chrome.exe	Google Chrome		
reenshots	clentraigration.exe (4)	1/26/2017 2:39:04 AM		chrome.exe	Google Chrome		
Alert Word	chiew.exe (27)	1/26/2017 1:57:04 AM		chrome.exe	Google Chrome	0	
Smart Camera	cmd.exe (54)	1/25/2017 10:58:20 PM		chrome.exe	Google Chrome	0	
eb Activity Bandwidth	crisdemo.exe (2) corsarhid.exe (1)	1/25/2017 10:49:20 PM		chrome.exe	Google Chrome		
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Social Networking Facebook Twitter LinkedIn YouTube bile Devices Apps Calls Geolocate Photos	credentialuibroker.exe (17) crypticerror.exe (1) csgo.exe (8) daorigins.exe (18) daoriginslauncher.exe (1) dataexchangehost.exe (1) dbcompanion.exe (1)	1/25/2017 1:12:02 AM		chrome.exe
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	FaceTime (2)	Admin	1/15/2017 2:52:51 PM	00:02:57
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	farmingsimulator2015game.exe (25)	Admin	12/23/2016 9:00:26 AM	00:11:45
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y 	filecoauth.exe (774)	Admin	12/13/2016 6:43:25 PM	00:00:01
idth es	FileFeatures (1)	Admin	12/13/2016 10:29:45 AM	00:00:32
es	filehistory.exe (1)	Admin	12/6/2016 11:01:22 AM	00:01:29
vorking	Finder (1879)	Admin	11/26/2016 1:20:10 PM	00:28:25
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5	firefox setup stub 46.0.exe (1)			
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Ms/Chats	porn (164)	12/30/2016 2:43:17 AM		1	
A Keystrokes	powerpnt.exe (36)				
Printed Documents Programs	preteen (1)				
Screenshots	Preview (109)				
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Smart Camera	QuickTime Player (23)				
Bandwidth	QW.EXE (63)				
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		58% 60% RECENTIVE OVERALL 2520 2263 Mattles: 48363 49 180 390 644 2520 2263 Mattles: 119 119 119 120 14 More Atways remember, WG beat you to the bottom of the lake+hyp Use your ball hair, this is MO after all Klink I am patient with stupidity but not those who are proud of it - Edith Sitwell	
Bertown B	Report		MultiQuote
	the3rdtiger Corporal	Posted Aug 25 2016 - 11:49 already out of the game WG really needs to give us an option to save errors as they appear, so we can send them the logs. T tried relaunching the Cruiser, and I just got stuck in Queue for 5 minutes, then it just crashed. Wish I would have thought about queue. But anyway, WG should have any error logs that happened recently anyway. They could probably sift through it, and fig	t that before I retr
	Players 5912 battles (1) 96 CP [SP3AR] Member since: 03-01-2011	that costly. I'd probably be able to join another queue if I relaunch the game, but I have a strict personal policy of not trying aga me off, and I break my keyboard again did that a lot in the past with MU Online My PC was able to run it, but only to a point, Castle more than once a day, otherwise it would crash, I tended to forget why it happened, if I stopped playing for too long. So with a few other disabilities, including <u>ADHD</u> , tended to get me to break stuff So I made this policy.	ain, to the risk it pi I couldn't run Blc yeah, rageful pre
	5912 battles () 96 c [SP3AR]	that costly. I'd probably be able to join another queue if I relaunch the game, but I have a strict personal policy of not trying aga me off, and I break my keyboard again did that a lot in the past with MU Online My PC was able to run it, but only to a point, Castle more than once a day, otherwise it would crash, I tended to forget why it happened, if I stopped playing for too long. So	ain, to the risk it pi , I couldn't run Blo

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Keystrokes	firefox.exe (2869)	12/2/2016 1:38:37 PM	(P113016)	8	
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Bandwidth Websites	Inkscape (2)	12/2/2016 1:51:28 PM	(P113016	8	
Searches	Install (2)	12/2/2016 1:52:57 PM	(P113016	8	
Social Networking	Install Adobe Flash Player (2)	12/2/2016 1:38:37 PM	(P113016	8	
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Printed Documents	4/28/2016 (11)	1/27/2017 3:16:29 PM		00:01:13	Outgoing	800	
Programs	4/29/2016 (6)	1/27/2017 3:04:47 PM		00:00:12	Outgoing	425	
Screenshots	4/30/2016 (3)	1/27/2017 2:44:16 PM		00:04:23		206	
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V Twitter	5/7/2016 (11)	1/27/2017 2:19:00 PM		00:01:42	Outgoing	253	
in LinkedIn	5/8/2016 (6)	1/27/2017 2:18:28 PM		00:00:05	Outgoing	+12	
YouTube	5/9/2016 (18)	1/27/2017 2:00:43 PM		00:00:58	Outgoing	443	
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Mobile Devices: Geolocation





Mobile Devices: Photos

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Mobile Devices: Websites

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Mobile Devices: Web Searches

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Recorded Data » Mobile D		arches					
😰 Group by 🕍 Columns 🔤 Export 🛛 🗙 Delete 🛛 🐮 Add Note 😓 Print							
Tomain	Date	▼ User	Website	Search Term			
denture-implantsnow.live (1)	1/25/2017 10:03:12 PM	Default	google.com	i'm so lonesome i could cry youtu			
google.com (459)	1/25/2017 10:03:04 PM	Default	google.com	i'm so lonesome i could cry youtu			
groupon.com (3)	1/25/2017 10:03:00 PM	Default	google.com	i'm so lonesome i could cry johnn			
outbrain.com (1)	1/25/2017 10:02:55 PM	Default	google.com	i'm so lonesome i could cry youtu			
yahoo.com (1)	1/25/2017 10:02:55 PM	Default	google.com	i'm so lonesome i could cry youtu			
	1/25/2017 10:02:45 PM	Default	google.com	eagles bar portland oregon			
	1/25/2017 10:02:13 PM	Default	google.com	phone number for congressional			
	1/25/2017 10:01:57 PM	Default	google.com	eagles portland oregon			
	1/25/2017 10:01:38 PM	Default	google.com	phone number for congressional			
	1/25/2017 9:55:49 PM	Default	google.com	before i get too deep			
	1/25/2017 9:55:36 PM	Default	google.com	i'm so lonesome i could cry youtu			
	1/25/2017 9:55:36 PM	Default	google.com	i'm so lonesome i could cry youtu			
	1/25/2017 9:52:07 PM	Default	google.com	barnacle bill lyrics			
	1/25/2017 9:44:34 PM	Default	google.com	barnacle bill lyrics			
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СОР

Mobile Devices: Instagram Photos



Webwatcher: Custom Notification Options

× ■ File Edit View × ®Convert ▼ ■Selec	w Favorites Tools Help t		å • S • ⊒ 🖷	∎ ▼ Page ▼
Image: Second edition	Settings » Notifications Activity Log Setup Guide F	PC & Mac Settings Alert Word		1/ 1/2015
SEARCH Image: Approp cop Image: Approp co	Notification Settings	Notification Wizard	×	
	Name DH Alert Showing 1 to 1 of 1 entries	 Type Select notification type and name Categories Select categories for notification Timeframe Select the frequency 	Step 1: Choose a notification type and name. Alert Word Category When an alert word is typed or when an alert word is found within an email or instant message. Website Category When a website is visited that belongs to a specified website category (Adult Sites, Shopping Sites, etc.). User Behavior Frequency - SONAR Enterprise Only Occurrence of selected user activity (frequency of emails, website visits, keystrokes, IMs, etc.).	
	Account Notification	4 Departments Select one or more groups/users 5 Recipients	Name this report:	
	Showing 0 to 0 of 0 entries	6 Summary Review the properties		
	Recent Notifications		Previous Next Finish Cancel	