Managing Sex Offenders in the Digital Age

Matthew McDaniel

Senior United States Probation Officer, Sex Offender Specialist

matthew_mcdaniel@wawp.uscourts.gov

(253) 307-3152

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- Already outdated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

  - 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

  ◇ Domain 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
  - ◈ Operating system(s)

- 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-to-peer file transfer applications, torrents, Tor, or FTP services without authorization.

A Quick Detour… The Deep/Dark Web

Another Detour… Torrents and TOR

Torrents

- **"Swarming"** is about splitting large files 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

- Some sample OS restriction options....

Windows 10

https://account.Microsoft.com

Mac OSX

iOS Restrictions

General   **Restrictions**

Disable Restrictions

ALLOW:

	Safari	
	Camera	
	Siri & Dictation	
	FaceTime	
	AirDrop	
	CarPlay	
	iTunes Store	
	Apple Music Connect	
	iBooks Store	
	Podcasts	

General   **Restrictions**

	News	
	Installing Apps	
	Deleting Apps	
	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 ›

Allow Changes ✓

Don't Allow Changes

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

Kindle Fire Restrictions

"Just think — there's a whole wide world out there just waiting for us! All we have to do is get around the parental controls."

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

Routers

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

your active networks

ublic netw

ge your n

Set u

Set u

Trou

Diag

Network Connections

← → ↑ | Control Panel ▸ Network and Internet ▸ Network Connections | ⌄ | ⟳ | Search Network Conne

Organize ▾

Bluetooth Network Connection
Not connected
Bluetooth Device (Personal Area ...

Ethernet 2
Network cable unplugged
Surface Ethernet Adapter #2

Local Area Connection
Disabled
Cisco Systems VPN Adapter for 6...

Wi-Fi

Marvell AVASTAR Wireless-AC Ne...

Network Configuration: iOS

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

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

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

- **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.

Web Content Filtering

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 - View - Customize

○ **Moderate** — Protects against all adult-related sites and illegal activity.
13 categories in this group - View - Customize

● **Low** — Protects against pornography.
4 categories in this group - View - Customize

○ **None** — Nothing blocked.

○ **Custom** — Choose the categories you want to block.

APPLY

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 ▼] [_____]

ADD DOMAIN

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 Engines	☑ 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!

Norton ConnectSafe

- https://dns.norton.com/index.html

- 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

- **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

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

- 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.
4. Scroll the screen to find **Restrictions** and touch it. If restrictions are already enabled, you will be prompted for your passcode.
5. 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

1. To prevent installation of other web browsers or apps, touch the switch next to **Installing Apps** to set it to **Off**.
2. 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®

---

https://www.google.com/

ALL IMAGES Sign in

GO●GLE

● Unknown - Use precise location

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

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 ☑ .

Flash Drive Browsers

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

Jason Fitzpatrick
9/03/10 9:00am · Filed to: PRIVACY ⌄

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

- How to address "dual"-boot machines
  - Ask the client
  - Verify
    - Windows: Disk Manager
    - OSX: Boot Camp
  - Low tech options for high tech clients…

- "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

Built in system utilities:

OSX: Disk Utility/BootCamp Assistant

- Inspection Techniques
  - DIY
  - Automated tools
    - System profilers
      - Winaudit
      - https://winaudit.codeplex.com/
    - https://forensiccontrol.com/resources/free-software/#internet-history
      - 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
SpyAnywhere	$39.95
SpyAnywhere Stealth Edition	$49.95
SpyAgent/SpyAnywhere Suite	$84.95
SpyAgent/SpyAnywhere Suite Stealth Edition	$99.95
NetVizor	$295.00
Realtime-Spy	$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	$59.95

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.spytech-web.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

Sidebar Menu

Widgets

Convert ▼   Select

DASHBOARD
- Activity
- Widgets
- Reports
- Exports

RECORDED DATA

NOTIFICATIONS

SEARCH

LAPTOP COP

HELP

Widgets

✓ Add   ✗ Delete

Alert Word Trend   line ▼ ☐

Top Alert Words   table ▼ ☐

AlertWord	WordCount
sex	9050
anime	1170
gang	812
███	801
naked	745
breast	548
porn	165
███	138
███	52
hentai	45
hardcore	37
naughty	37
Bomb	33
███	26

Allowed Web

4217
3169
1668
1517
1287
1112
1086

Blocked Websites by User   bar ▼ ☐

No Available Data

Most Used Applications by Time (..   pie ▼ ☐

297715
256650
345088

From: 1/ 1/2015 To: 1/27/2017 GO   Filters

op Alert Words table ▾

Word	WordCount
	9050
	1170
	812
	801
	745
	548
	165
	138
	52
	45
re	37
y	37
	33
	26

Allowed Websites Most Visited pie ▾

4217
6639
3169
825
835
1668
841
1517
890
1287
1016
1112
1041
1086
1045

Time Spent Websurfing bar ▾

18000
16000
14000
12000
10000
8000
6000
4000
2000
0

ost Used Applications by Time (.. pie ▾

345088
29924
39640
40363

4000

3000

2000

1000

0

gang	812
■	801
naked	745
breast	548
porn	165
■	138
	52
hentai	45
hardcore	37
naughty	37
Bomb	33
■	26

3169

1668

1517

1287

1112

1086

Blocked Websites by User   bar ▼

No Available Data

Most Used Applications by Time (..   pie ▼

297715

256650

197599

146657

123068

94645

345088

29924

39640

40363

40522

47066

71159

81992

86374

v8.4.46.1944

Activity

vert ▼   Select

Dashboard » Activity

Activity: Website Activity ▼   View ▼   Last 14 Days   Last 7 Days   Yesterday   Today   Custom   Active:

DATA

TIONS

OP

Logon	Date	6 am				7 am				8 am				9 am				10 am				11 am				12 pm				1 pm				2 pm	
		00	15	30	45	00	15	30	45	00	15	30	45	00	15	30	45	00	15	30	45	00	15	30	45	00	15	30	45	00	15	30	45	00	15	30
Admin	1/21/2017																																				
	1/21/2017																																				
	1/21/2017																																				
Default	1/21/2017																																				
Admin	1/22/2017																																				
	1/22/2017																																				
Default	1/22/2017																																				
Default	1/22/2017																																				
Default	1/22/2017																																				
Admin	1/23/2017																																				
	1/23/2017																																				
Default	1/23/2017																																				
Default	1/23/2017																																				
Default	1/23/2017																																				
Admin	1/24/2017																																				
	1/24/2017																																				
	1/24/2017																																				
Default	1/24/2017																																				
Default	1/24/2017																																				
Default	1/24/2017																																				
Admin	1/25/2017																																				
	1/25/2017																																				

Emails

Select

Recorded Data » **Computers** » **Emails**

Group by | Columns | Export | Delete | Add Note | Print

Device
- (C120816) ███████ (A) (1096)
- (O041316) ███████ (233)
- (S011817)███████ (2891)
- ███████ (A) (1)
- ███████ (1054)
- ███████ (53)
- ███████ [Child Porn Protocol] [Boys and Underwear
- ███████ (74)

Date ▼	User	From	To
1/9/2017 3:05:00 AM		VapeNW - Sales <no-reply@vap...	███mail.com, ███.c...
1/9/2017 3:05:00 AM		VapeNW - Contact <no-reply@v...	███mail.com, ███.c...
1/9/2017 3:05:00 AM		VapeNW <info@vapenw.com>	███mail.com, ███.c...
1/9/2017 3:03:00 AM		no-reply@wargaming.net	███mail.com, ███.c...
1/9/2017 2:50:00 AM		do-not-reply@wirecapital.com	███mail.com, ███.c...
1/9/2017 2:50:00 AM		no-reply@wargaming.net	███mail.com, ███.c...
1/9/2017 2:49:00 AM		do-not-reply@wirecapital.com	███ail.com, w███@...
1/9/2017 2:49:00 AM		no-reply@wargaming.net	███mail.com, ███.c...
1/9/2017 2:39:00 AM		no-reply@wargaming.net	███mail.com, ███.c...
1/9/2017 2:39:00 AM		do-not-reply@wirecapital.com	███mail.com, ███.c...

From: do-not-reply@wirecapital.com
To: ███████@mail.com, ███████@gmail.com
Subject: Wargaming : Payment transaction completed successfully.

Cc:
Sent: 1/9/2017 2:49:00 AM
User: ███████ (███████)

To view the HTML version of this email, click here

Payment transaction completed successfully.Dear customer, your transaction details are given below:Transaction IDf2573603-5f3b-453d-9662-b6bc4c4544ffDe
Numberxxxxxxxxxxxx9016MerchantWargaming Group Limited (https://na.wargaming.net/shop/)This is an automatic notification of the result of the payment, w
do not reply to this e-mail. If you have any questions about your payment, please contact with customer service team of goods / services provider.Thank you f
us,The information provided herein regarding products, services/offers, benefits etc of "Wirecapital Ltd." are governed by their detailed terms and c
as specified by "Wirecapital Ltd." from time to time and are subject to applicable laws and regulations. The information provided herein above does

IM/Chats

From:

Group by | Columns | Export | Delete | Add Note | Print

Start Time ▼	User	Participants	Alert Words
8/26/2016 10:55:09 AM		f7a91be4c244f266	

8/1/2016 (1)
8/2/2016 (1)
8/3/2016 (1)
8/4/2016 (2)
8/6/2016 (1)
8/10/2016 (1)
8/11/2016 (2)
8/17/2016 (1)
8/26/2016 (1)
9/17/2016 (1)
9/21/2016 (1)
9/27/2016 (1)
10/2/2016 (1)
10/7/2016 (1)
10/10/2016 (1)
11/14/2016 (1)
11/26/2016 (1)
12/25/2016 (1)

Start Time: 8/26/2016 10:55:09 AM   IM Type: Skype
End Time: 8/26/2016 10:55:09 AM   User:
Participants: e:f7a91be4c244f266

live:f7a91be4c244f266:
    (10:55:09 AM) As salaamu alaikum. How is your day going brother ?
                                    :
    (11:26:32 AM) good
    (11:26:35 AM) and you
live:f7a91be4c244f266:
    (11:27:43 AM) Al-hamdulilah, very good
j   :
    (11:41:38 AM) what are you doing
live:f7a91be4c244f266:
    (11:42:42 AM) I was browsing through instagram looking at people that celebrate natural living. Would you like to Skype live ?
j   :
    (11:45:41 AM) hold on
live:f7a91be4c244f266:
    (11:46:15 AM) Ok

Keystrokes

DASHBOARD

RECORDED DATA

Computers
Emails
IMs/Chats
Keystrokes
Printed Documents
Programs
Screenshots
Alert Word
Smart Camera
Web Activity
Bandwidth
Websites
Searches
Social Networking
Facebook
Twitter
LinkedIn
YouTube
Mobile Devices
Apps
Calls
Geolocate
Photos
Text Messages
Web Activity
Websites
Searches
Instagram
Photos
WhatsApp
Messages
Kik
Messages
Exports

NOTIFICATIONS

SEARCH

LAPTOP COP

HELP

Group by | Columns | Export | Delete | Add Note | Print

cavestory+.exe (3)
ccc.exe (2)
ccleaner64.exe (1)
chrome.exe (1636)
clientmigration.exe (4)
clview.exe (27)
cmd.exe (54)
cmsdemo.exe (2)
corsairhid.exe (1)
crashhandler.exe (1)
credentialuibroker.exe (17)
crypticerror.exe (1)
csgo.exe (8)
daorigins.exe (18)
daoriginslauncher.exe (1)
dataexchangehost.exe (1)
dbcompanion.exe (1)
dbfhide.exe (1)

Date	User	Program
1/27/2017 4:18:05 AM		chrome.exe
1/26/2017 10:15:05 PM		chrome.exe
1/26/2017 7:42:05 PM		chrome.exe
1/26/2017 2:39:04 AM		chrome.exe
1/26/2017 1:57:04 AM		chrome.exe
1/25/2017 10:58:20 PM		chrome.exe
1/25/2017 10:49:20 PM		chrome.exe
1/25/2017 2:42:03 PM		chrome.exe
1/25/2017 1:03:42 PM		chrome.exe
1/25/2017 1:12:02 AM		chrome.exe

Application: chrome.exe
Date/Time: 1/25/2017 2:42:03 PM

Title: Google Chrome
User:

Formatted Data:
----
map of scotland
perth scotland

Raw Data:
----
map of scotland[return]
perth scotland[return]

Printed Documents

Select

Page ▼ Safety ▼ To

From: 12/ 1/2015 To: 1/27/2017

| Group by | Columns | Export | Delete | Add Note | Print |

Date	Device	Printer	Document
▼ Date			
5/3/2016 (1)	12/16/2016 9:08:09 AM	▬▬▬▬▬	PM-131.pdf
5/12/2016 (2)			
5/23/2016 (1)			
5/25/2016 (2)			
5/30/2016 (1)			
6/21/2016 (1)			
6/29/2016 (1)			
7/6/2016 (1)			
7/13/2016 (3)			
7/16/2016 (1)			
8/19/2016 (2)			
9/9/2016 (1)			
9/18/2016 (1)			
10/9/2016 (2)			
10/16/2016 (2)			
12/16/2016 (1)			
1/16/2017 (1)			

Programs

Group by | Columns | Export | Delete | Add Note | Print

extrac32.exe (2)
FaceTime (2)
falloutnv.exe (35)
falloutnvlauncher.exe (35)
farmingsimulator2015game.exe (25)
fe2017.exe (4)
ff_protection.exe (1)
filecoauth.exe (774)
FileFeatures (1)
filehistory.exe (1)
Finder (1879)
Firefox (111)
Firefox Plugin Content (Shockwave Flash) (10)
Firefox Plugin Content (WebSecurity Plug-in) (6
Firefox Plugin Content (Workspace Webmail plu
firefox setup stub 46.0.exe (1)
firefox setup stub 49.0.2.exe (1)
firefox setup stub 50.1.0.exe (1)

User	Start Time ▼	Active Time
Admin	1/15/2017 2:52:51 PM	00:02:57
Admin	1/13/2017 10:40:02 AM	00:00:00
Admin	1/10/2017 10:58:40 AM	00:00:32
Admin	12/23/2016 9:00:26 AM	00:11:45
Admin	12/22/2016 3:29:19 PM	00:00:43
Admin	12/15/2016 11:55:53 AM	00:00:51
Admin	12/13/2016 6:43:25 PM	00:00:01
Admin	12/13/2016 10:29:45 AM	00:00:32
Admin	12/6/2016 11:01:22 AM	00:01:29
Admin	11/26/2016 1:20:10 PM	00:28:25

Program Name: Firefox   User: Admin
Start Time: 11/26/2016 1:20:10 PM   End Time: 11/26/2016 2:00:03 PM

File Upload	24 min 14 sec
Sign in	1 min 26 sec
Workspace Webmail :: Mail Index :: Inbox	0 sec
Title Not Available	2 min 45 sec
Workspace Webmail :: Contacts	0 sec
allseattletango ™ – body + mind + spirit x heart & soul ™	0 sec

Screenshots

Recorded Data » Computers » Screenshots

From:

Group by | Columns | Export | Delete | Add Note | Print

	Date ▼	User	# of Screenshots
penis (12)	12/30/2016 2:43:17 AM	███████	1
porn (164)			
powerpnt.exe (36)			
preteen (1)			
Preview (109)			
PrinterProxy (228)			
pussy (7)			
QuickTime Player (23)			
QW.EXE (63)			
Safari (1172)			
sex (8902)			
skype.exe (111)			
softcore (3)			
Steam (1052)			
swinger (6)			
swingers (6)			
System Information (1)			
System Preferences (38)			

Date/Time: 12/30/2016 2:43:17 AM   User: ███████████
Trigger: preteen

Click the thumbnails below to see the screenshots in their original size.

◄   ►

1

SCREENSHOTS

PLAY ▶ every 1 sec   1 of 1

Size ● Original Size ○ Fit to Screen

USW: 3,874
Total: 9,579

Person 1

Um.. is this a Bug? ✕

① forum.worldoftanks.com/index.php?/topic/510644-um-is-this-a-bug-does-a-moderator-have-an-idea/page__hl__%2Bargs__fromsearch__1

58% 60%

RECENT WN8 **2520**   OVERALL **2263**

	Total	1 Day	7 Days	30 Days	60 Days
Battles:	48363	49	180	390	644
Victory %:	60.2%	63.3%	61.1%	58.5%	57.5%
Avg. Kills:	1.32	1.18	1.32	1.4	1.43

HT MT LT TD SPG

More

Always 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

Report   MultiQuote   Quote

the3rdtiger
Corporal

Players
5912 battles ⓘ
96 💬

[SP3AR]
Member since:
03-01-2011

Posted Aug 25 2016 - 11:49   #3

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. That would be easier... I tried relaunching the Cruiser, and I just got stuck in Queue for 5 minutes, then it just crashed. Wish I would have thought about that before I retried the queue. But anyway, WG should have any error logs that happened recently anyway. They could probably sift through it, and figure it out, if it seems all 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 again, to the risk it pisses 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, I couldn't run Blood 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 yeah, rageful preteen with a few other disabilities, including ADHD, tended to get me to break stuff... So I made this policy.

⬆ 0

Report   MultiQuote   Quote

CaptanW   Posted Aug 25 2016 - 12:23   #4

🔍 125%

2:30 PM
1/27/2017

Smart Camera

Select

Recorded Data » Computers » Smart Camera

Group by | Columns | Export | Delete | Add Note | Print

Date	▼	User	# of Screenshots
12/2/2016 2:34:04 PM		(P113016	61
12/2/2016 1:38:37 PM		(P113016)	8
12/2/2016 1:51:17 PM		(P113016	8
12/2/2016 1:51:28 PM		(P113016	8
12/2/2016 1:52:57 PM		(P113016	8
12/2/2016 1:38:37 PM		(P113016	8
12/2/2016 1:51:17 PM		(P113016	8
12/2/2016 1:51:28 PM		(P113016	8
12/2/2016 1:52:57 PM		(P113016	8
12/2/2016 1:38:37 PM		(P113016	8
12/2/2016 1:51:17 PM		(P113016	8
12/2/2016 1:51:28 PM		(P113016	8
12/2/2016 1:52:57 PM		(P113016	8
12/2/2016 1:38:37 PM		(P113016	8
12/2/2016 1:51:17 PM		(P113016	8

Finder (93)
Firefox (257)
firefox.exe (2869)
FirmWareUpdater (1)
GarageBand (1)
Google Chrome (48)
google.com (69)
iexplore.exe (488)
Inkscape (2)
Install (2)
Install Adobe Flash Player (2)
Installer (4)
iTunes (183)
itunes.exe (157)
Mail (370)
mail.com (22)
mail.google.com (2)
mail.live.com (4)

Date/Time: 12/2/2016 1:38:37 PM   User: (P113016
Trigger: Google Chrome

Click the thumbnails below to see the screenshots in their original size.

1   2   3

Web Activity: Bandwidth

- Computers
  - Emails
  - IMs/Chats
  - Keystrokes
  - Printed Documents
  - Programs
  - Screenshots
    - Alert Word
    - Smart Camera
  - Web Activity
    - Bandwidth
    - Websites
    - Searches
  - Social Networking
    - Facebook
    - Twitter
    - LinkedIn
    - YouTube
- Mobile Devices
  - Apps
  - Calls
  - Geolocate
  - Photos
  - Text Messages
  - Web Activity
    - Websites
    - Searches
  - Instagram
    - Photos
  - WhatsApp
    - Messages
  - Kik
    - Messages
- Exports

NOTIFICATIONS

SEARCH

LAPTOP COP

HELP

v8.4.46.1944

Group by   Print   Unit

Switch to Expanded View

[-] 1/1/2017

Web Activity: Websites

Select

From: 1/2...

Group by | Columns | Export | Delete | Add Note | Print

▼ Device

▼ ...(A) (7)

(159)

)

)

Date	User	Window Title	Duration
1/26/2017 7:43:45 PM	Baumfield C (Spider)	Twitch	00:00:19
1/26/2017 7:43:25 PM			00:01:50
1/26/2017 7:41:35 PM		Wargaming.net ID	00:00:34
1/26/2017 7:41:00 PM			00:06:58
1/26/2017 3:27:57 AM		Elvenar	00:00:28
1/26/2017 3:27:29 AM		www.onclickpredictiv.com/a/display.php?r=1337521&tr...	00:00:01
1/26/2017 3:27:27 AM		Putlocker The Incredible Hulk (2008) Watch Online For Free	P...	00:02:06
1/26/2017 3:25:21 AM		Redirect	00:00:00
1/26/2017 3:25:20 AM		Redirect	00:00:00
1/26/2017 3:25:20 AM		Redirect	00:00:00
1/26/2017 3:25:19 AM			00:30:00
1/26/2017 2:40:06 AM		u1outl.com/?rsz=478410&rzi=478410	00:00:02
1/26/2017 2:40:03 AM		Redirect	00:00:01
1/26/2017 2:40:02 AM		Putlocker The Incredible Hulk (2008) Watch Online For Fr...	00:00:00
1/26/2017 2:40:02 AM			00:00:02
1/26/2017 2:39:57 AM	Baumfield C (Spider)		00:00:15

Domain: watchfree.to
Date/Time: 1/26/2017 3:27:27 AM

User

http://www.watchfree.to/watch-279-The-Incredible-Hulk-movie-online-free-putlocker.html#close-modal

No

Th

Web Activity: Searches

Page ▾   Safety ▾   Tools ▾

Home

🌐 **Recorded Data** » **Computers** » **Searches**   From: 1/ 1/2017   To: 1/27/2017   GO

🔄 Group by   📊 Columns   📤 Export   ✖ Delete   ➕ Add Note   🖨 Print

Date	User	Website	■ Search Term
1/24/2017 6:52:51 PM		google.com	☐ is:starred
1/24/2017 4:31:03 AM		google.com	☐ what is the sequel to the movie The Thing
1/24/2017 4:29:06 AM		google.com	☐ what is the sequel to the movie The Thing
1/24/2017 4:28:13 AM		google.com	☐ what is the sequel to the movie The Thing
1/22/2017 11:37:51 PM		google.com	☐ naga sniper fits
1/22/2017 7:26:22 PM		google.com	☐ seattle weather
1/21/2017 6:16:26 PM		google.com	☐ blu logic usa Drink Top Healthy Under Counter Wat
1/21/2017 6:14:19 PM		google.com	☐ kitchen water filter
1/21/2017 6:13:58 PM		google.com	☐ kitchen water filter
1/21/2017 6:10:30 PM		google.com	☐ kitchen water filter
1/20/2017 2:15:11 AM		google.com	☐ m nevins evcc
1/20/2017 2:08:35 AM		google.com	☐ m nevins evcc
1/19/2017 6:35:43 PM		google.com	☐ online phd
1/19/2017 6:32:32 PM		google.com	☐ online phd
1/18/2017 2:22:24 PM		google.com	☐ can a 13 year old babysit his siblings in wa state

▼ Domain
  bing.com (1)
  duckduckgo.com (6)
  exploregadgets.net (1)
  google.com (76)
  helpowl.com (2)
  shopyonder.com (1)
  youtube.com (2)

<< <

Social Networking: Facebook

Select

Page ▾ Safety ▾ To

Recorded Data » Computers » Facebook

From: 1/ 1/2016 To: 1/27/2017

Group by | Columns | Export | Delete | Add Note | Print

Pages Visited | Screenshots | IM/Chat

Domain		
facebook.com (56)		

Date	User	Window Title	Duration
10/11/2016 9:32:15 PM		Box Office Online	Facebook	00:00:22
9/26/2016 10:16:06 PM		IT Field Technician - Seattle	Facebook Careers	00:01:00
9/26/2016 10:15:01 PM		IT Field Technician - Seattle	Facebook Careers	00:00:04
9/14/2016 4:24:41 AM		Facebook	00:00:01
9/13/2016 10:34:32 AM		Sign Up for Facebook	Facebook	00:00:01
9/13/2016 10:34:31 AM		Sign Up for Facebook	Facebook	00:00:00
9/7/2016 2:09:10 AM		Movie Universe	Facebook	00:00:10
8/26/2016 7:36:05 AM		Sign Up for Facebook	Facebook	00:00:01
8/26/2016 7:36:03 AM		Sign Up for Facebook	Facebook	00:00:00
8/26/2016 1:42:55 AM		Sign Up for Facebook	Facebook	00:00:05

<< <

Domain: facebook.com
Date/Time: 9/13/2016 10:34:32 AM

User:

https://www.facebook.com/campaign/landing.php?
campaign_id=736960129747539&partner_id=inmobi&placement=1f9ba3b35db247cdbaddd10ddf0286ca&extra_1=wadogo_facebook_726_102e77a1b28e32ebeab1aaae77d81b&creative=57f46e627d

Notes:

There are no notes for this

Social Networking: LinkedIn

Select

Home   Log Off

From: 1/ 1/2016   To: 1/27/2017   GO   Filters

Group by | Columns | Export | Delete | Add Note | Print

Bookmarks Only

Pages Visited | Screenshots

▼ Domain
   linkedin.com (118)

Date	User	Window Title	Duration	B
4/20/2016 3:58:52 PM		People You May Know | LinkedIn	00:01:23	
4/20/2016 3:49:02 PM		Messaging | LinkedIn	00:01:31	
4/20/2016 3:42:26 PM		People You May Know | LinkedIn	00:02:42	
4/15/2016 6:05:33 PM		Sign Up | LinkedIn	00:00:14	
4/15/2016 5:21:14 PM		Edit Profile | LinkedIn	00:01:53	
4/15/2016 5:06:21 PM		Messaging | LinkedIn	00:27:43	
4/13/2016 3:44:15 PM		People You May Know | LinkedIn	00:01:44	
4/13/2016 9:18:57 AM		People You May Know | LinkedIn	00:00:58	
4/12/2016 6:32:40 PM		Messaging | LinkedIn	00:03:59	
4/12/2016 6:28:39 PM		People You May Know | LinkedIn	00:00:00	

<<   <   1   of 0   >   >>

125%

3:55 PM
1/27/2017

Social Networking: YouTube

Home   Log Off

Recorded Data » Computers » YouTube

From: 1/ 1/2016   To: 1/27/2017   GO   Filters

Group by | Columns | Export | Delete | Add Note | Print   Bookmarks Only

Pages Visited | Screenshots

Domain
  youtube.com (226)

Date	User	Window Title	Duration	B
1/16/2017 1:27:03 PM		interpreting xlminer matixplot - YouTube	00:30:00	
1/16/2017 1:26:59 PM		xlminer categorical data dummies - YouTube	00:30:00	
1/16/2017 1:26:57 PM		categorical to dummy - YouTube	00:30:00	
1/16/2017 1:26:56 PM		Creating a dummy variable for regression - YouTube	00:27:08	
1/16/2017 10:59:50 AM		Bobby Likis: Rick Dobbertin / HydroCar - YouTube	00:01:33	
1/15/2017 7:17:13 PM		How To Install Replace Headlight Ford Taurus 00-07 1A...	00:00:05	
1/14/2017 9:25:54 PM		Gremlins 2 The New Batch Full' Movie' - YouTube	00:00:01	
1/14/2017 9:25:10 PM		Gremlins 2 The New Batch Full' Movie' - YouTube	00:01:26	
1/1/2017 5:48:24 PM		How Big do Tsunamis Get? - YouTube	00:00:27	
12/30/2016 10:49:06 PM		https://www.youtube.com/watch?v=1BfQ_ODj5QQ&s...	00:03:08	

<<   <   1   of 23   >   >>

Domain: youtube.com
Date/Time: 1/1/2017 5:48:24 PM

User:

Notes:

https://www.youtube.com/watch?v=7oaGUg7ik_c

There are no notes for this item

© Awareness Technologies 2017

125%

3:56 PM
1/27/2017

Mobile Devices: Apps

Page ▼ S

From: 1/ 1/2016

🔍 Group by	📋 Columns	📤 Export	❌ Delete	📝 Add Note	🖨 Print

	User	Start Time ▼	Active Time	🔴 Program
Epic Battle Simulator (7)	Default	1/16/2017 7:26:54 AM	00:00:05	☐ Facebook
Excel (1)	Default	1/3/2017 8:02:18 PM	00:00:06	☐ Facebook
Facebook (19)	Default	12/15/2016 3:04:49 AM	00:27:43	☐ Facebook
Facebook App Manager (6)	Default	12/9/2016 7:43:23 AM	00:00:09	☐ Facebook
Facer (3)	Default	12/1/2016 5:59:36 PM	00:00:16	☐ Facebook
Faily Brakes (1)	Default	11/29/2016 10:32:27 PM	00:00:04	☐ Facebook
Fandango (16)	Default	11/25/2016 8:10:06 PM	00:00:18	☐ Facebook
FedEx (1)	Default	11/24/2016 6:52:22 PM	00:00:01	☐ Facebook
FIFA Mobile (1)	Default	11/22/2016 9:25:06 AM	00:00:00	☐ Facebook
File Manager (1)	Default	11/22/2016 9:15:49 AM	00:05:09	☐ Facebook
File Manager (5)	Default	11/22/2016 8:22:04 AM	00:00:34	☐ Facebook
File Transfer (1)	Default	11/22/2016 8:21:29 AM	00:00:31	☐ Facebook
Finance (6)	Default	11/10/2016 6:29:27 PM	00:04:46	☐ Facebook
Fingerprint (1)	Default	9/28/2016 4:28:02 PM	00:14:11	☐ Facebook
Fire Skins For Slither (1)	Default	9/1/2016 6:01:44 PM	00:01:30	☐ Facebook
Firefight (11)	Default	7/10/2016 1:40:57 PM	00:01:27	☐ Facebook
Firefox (65)				
Fit (266)				

Program Name: Facebook
Start Time: 12/15/2016 3:04:49 AM

User:
End Time: 12/15/2016 3:32:32 AM

Notes:

There are no r

Last active : 12/15/2016 3:27:51 AM	2 min 15 sec
Last active : 12/15/2016 3:10:57 AM	16 min
Last active : 12/15/2016 3:27:20 AM	25 sec
Last active : 12/15/2016 3:30:10 AM	2 min 4 sec
Last active : 12/15/2016 3:10:52 AM	6 min 3 sec
Last active : 12/15/2016 3:04:49 AM	6 min 3 sec

Mobile Devices: Calls

Recorded Data » Mobile Devices » Calls

From: 1/ 1/2016 To: 1/27/2017 GO

Group by | Columns | Export | Delete | Add Note | Print

▼ Date

Date	Device	Duration	Call Type	Participants
1/27/2017 3:50:43 PM		00:00:59	Outgoing	206 (Landlord)
1/27/2017 3:34:42 PM		00:01:20	Outgoing	208
1/27/2017 3:16:29 PM		00:01:13	Outgoing	800
1/27/2017 3:04:47 PM		00:00:12	Outgoing	425
1/27/2017 2:44:16 PM		00:04:23	Incoming	206
1/27/2017 2:33:54 PM		00:01:50	Outgoing	+12
1/27/2017 2:30:03 PM		00:00:25	Outgoing	206
1/27/2017 2:29:22 PM		00:00:23	Outgoing	+12
1/27/2017 2:27:39 PM		00:00:00	Outgoing	425
1/27/2017 2:26:35 PM		00:00:23	Incoming	425
1/27/2017 2:19:00 PM		00:01:42	Outgoing	253
1/27/2017 2:18:28 PM		00:00:05	Outgoing	+12
1/27/2017 2:00:43 PM		00:00:58	Outgoing	443
1/27/2017 1:13:28 PM		00:01:14	Outgoing	800
1/27/2017 12:23:49 PM		00:06:08	Incoming	3602

Date
4/26/2016 (1)
4/27/2016 (18)
4/28/2016 (11)
4/29/2016 (6)
4/30/2016 (3)
5/1/2016 (10)
5/2/2016 (15)
5/3/2016 (24)
5/4/2016 (16)
5/5/2016 (18)
5/6/2016 (28)
5/7/2016 (11)
5/8/2016 (6)
5/9/2016 (18)
5/10/2016 (19)
5/11/2016 (27)
5/12/2016 (24)
5/13/2016 (24)

Device Name:
Date/Time: 1/27/2017 2:44:16 PM
Participants: 206

Duration: 00:04:23
Call Type: Incoming

Notes:

There are no notes for this item

© Awarenes

Mobile Devices: Geolocation

Mobile Devices: Photos

Mobile Devices: Text Messages

Mobile Devices: Websites

Mobile Devices: Web Searches

nvert ▼   🗐 Select

🏠 ▼   📡 ▼   ✉   🖶 ▼   Page ▼   Safety ▼   Too

🌐 **Recorded Data** » **Mobile Devices** » **Searches**   📅 From: 1/15/2017   To: 1/27/2017

ARD

ED DATA

🔍 Group by   📋 Columns   📤 Export   ❌ Delete   📝 Add Note   🖨 Print

▼ Domain

Date ▼	User	Website	🟥 Search Term
denture-implantsnow.live (1)			
google.com (459)			
groupon.com (3)			
outbrain.com (1)			
yahoo.com (1)			
1/25/2017 10:03:12 PM	Default	google.com	☐ i'm so lonesome i could cry youtube
1/25/2017 10:03:04 PM	Default	google.com	☐ i'm so lonesome i could cry youtube
1/25/2017 10:03:00 PM	Default	google.com	☐ i'm so lonesome i could cry johnny ca
1/25/2017 10:02:55 PM	Default	google.com	☐ i'm so lonesome i could cry youtube
1/25/2017 10:02:55 PM	Default	google.com	☐ i'm so lonesome i could cry youtube
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 repr
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 repr
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 youtube
1/25/2017 9:55:36 PM	Default	google.com	☐ i'm so lonesome i could cry youtube
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

ATIONS

COP

Mobile Devices: Instagram Photos

Webwatcher: Custom Notification Options