

PROTEGENT 360

Complete Laptop Security

Technical Whitepapers

Protegent360 has been designed to provide complete security solution to Laptop users. Its 5-in-1 Security suite that includes Laptop Tracking with File Encryption, Data Leakage Prevention, Activity Tracking & Reporting, Antivirus Solution with Firewall & Data Backup Solution.

PROTEGENT 360 includes following software components:

-  Laptop Tracking & Data Encryption
-  Port Locker & Data Leakage Prevention
-  Activity Reporter
-  Antivirus with Firewall
-  Data Backup Solution

Laptop Tracking & Data Encryption

Protegent360 keeps a track of laptop's location whenever laptop gets connected to internet. What is lost is not just the laptop, but also the valuable, sensitive and creative data in it. It contains a smart agent, designed to collect and transmit critical data needed to pinpoint its location to identify the unauthorized user in case of a theft. It works in a stealth mode and can also silently inform you, about the location of your employee's laptop!

Predefined settings allow the user to encrypt classified files and folders whenever laptop is not connected to internet for specified period or is detected stolen. It provides a secure web page for every user to monitor the Location, IP Address, and Internet Service Provider with date and time. It allow user to submit Theft Report online and provides regular Status Updates of laptop location on email.

Features Of Locate Laptop

- ❶ Unique WebSniff™ technology.
- ❷ Secure web page for every user to monitor - Keep a close eye on movements of person with the designated Laptop e.g. company employee.
- ❸ Reports contain information on data, time, public IP, Locate, country, state, city, ISP, Longitude, Latitude.
- ❹ Interactive steps to report a laptop theft
- ❺ Remotely launch the data encryption module on predefined sensitive files & folders
- ❻ Encrypts data even if Laptop is not connected to internet for particular period

Port Locker and Data Leakage Prevention

Protegent360 allows the user to safeguard data/files from unauthorized access. It prevents vital & important data to be transferred from one PC to another using *Flash drive, DVD/CD writers, PCMCIA ports, Ethernet ports, Printer ports, Infrared ports and Bluetooth ports*. It provides the Options to *lock/unlock single or multiple ports* with authorized password. It allows user to lock ports with *different lock type options* as *permanent, specific time duration (scheduled block)* and when the *computer remains idle or untouched*. It displays the alert as soon as an unauthorized action is performed against the locked ports. It provides complete log related to Permanent Blocked, Schedule Blocked or Un-Blocked Ports with actions performed including changes in settings, locking and unlocking the ports, setting scheduler etc.

Features of Port Locker and Data Leakage Prevention

- Block ports like Flash drive, DVD/CD writers, PCMCIA, Ethernet, Printer, Infrared and Bluetooth to prevent unauthorized access.
- Block ports when PC is idle.
- Block ports in scheduled duration.
- Options to open single or multiple ports with authorized password when it is permanently locked.
- Generates alert if any one try to use the locked port.
- Provide Port Reports, complete log related to all Permanent Blocked, Schedule Blocked or Un-Blocked Ports.
- Users may view report for the desired port for particular information type in the selected date range.
- Robust feature of E-mail Filtering, which filters and blocks Emails which are being sent from MS Outlook client.
- White listing the authorized USB device by using unique hardware ID of the device.
- Feature of USB Read Only which makes any USB mass storage device read only.
- Unique feature of Blocking the Print Screen.
- File Transfer Log shows the detail reports of files added, removed and renamed to and from USB mass storage device.

- Setting of report log size (Min 1 MB to Max 5 MB).
- Manage the logs by setting log days (Min 1 day to Max 90 days).
- Enable or disable password for the software.
- Option to save software settings so that they can be restored when needed.
- Option to reset software settings to default.
- Option of reporting system activities through mail as scheduled (i.e. Daily, Weekly, and Monthly etc.) by user.
- Option of reporting system activities by FTP.

Activity Reporter (Track the Usage and Activity on Your Laptop)

Easy availability of information on the web may sometimes be harmful as your child may have access to illicit content on web through browser or other web based applications. As a parent you not only need a tool to block your child's activities, but also monitor his activities on other applications.

Activity Reporter would be a very important tool for you to monitor the activities of all computer users. This would act as an ideal spy without the knowledge of the user that their every key stroke/ every activity on the computer or internet is being monitored and screen shot / report is generated on a regular basis.

The unique feature of **Activity Reporter** to whitelist and blacklist applications would enable you to monitor more effectively. The various options of reporting along with the different formats of reporting would ensure monitoring is effective and keep the network more secured.

The features of **Activity Reporter** would definitely act as a foil for anyone to do any fraudulent activities in the organization.

Features of Activity Reporter

- Captures Application activity.
- With the help of application monitor time log can be maintained for specific applications.
- Unique feature of Blacklist and white list
 - Blacklist: applications that are added will get captured and be visible in alert
 - White list: Won't record any activity of the application added in this list.
- Captures clipboard contents.
- Captures all Internet activity with feature of Blacklist and white list.
 - Blacklist: applications that are added will get captured and be visible in alert
 - White list: Won't record any activity of the application added in this list.
- Captures all keystrokes, in case sensitivity.
- Option of showing system/non-printable keys like [Shift] [Ctrl] etc. is also available. Take screenshots within the specified time interval or on every mouse click. Logging of working hours and idle time.
- Setting of report log size (Min 1 MB to Max 5 MB).
- Manage the logs by setting log days (Min 1 day to Max 90 days).
- Option to select the level of tracking.
- Send the reports to a specific email address and/or an FTP location. (in the stealth mode)
- Password protected so only authorized personnel can access the reports.
- Captures ICQ, Miranda, Skype, Google Talk, MSN, AIM, AOL, Yahoo, QIP chats.
- Records contents of password protected web pages, including Web Mail messages.
- Intercepts DOS-box and Java-chat keystrokes.
- Reports of Application activity, Clipboard activity, working log, Internet activity, Keystrokes, Screenshots all in HTML format.

Antivirus & Firewall (Protegent Total Security 2012)

Stop Attacks on Your Personal Data with automated, hourly updates and improved detection features like:

Quick Scan, Protegent shuts down viruses, spyware, hackers and other threats. You can eliminate unwanted junk mail and encrypt your personal information so it never leaks over email, social media networks, IM, or websites that track your online activities. Start shopping, banking, and downloading online with absolute confidence **Ramp-up Response Time**

Protegent's new **Performance Optimizer** helps you quickly identify the applications that are slowing you down, and the **Tune-Up** feature takes corrective actions to improve the safety and response time of every PC in your home.

Stylize To Match Your Needs

Match the interface to your level of comfort by selecting between Basic, Intermediate, or Expert settings—and quickly create shortcuts to frequently used controls.

Stop Viruses and Spyware Cold

Proactive protection stops new viruses and malware that other products miss.

Safeguard Your Privacy

Eliminate the chances your data and conversations are leaked to others over email, social media networks, IM, or websites that track your online activities.

Keep Intruders Out

Establish a two-way firewall with just a few clicks, to continuously monitor your Internet connections and prevent unauthorized access—even over a Wi-Fi network.

Keep Your Family Safe

With parental controls you'll receive reports, by browser, email, or cell phone, on recent online activity for each computer in your home network.

Boost Performance

Optimize your system by identifying the applications that slow you down. Then, using *Tune Up* makes the recommended corrective actions to improve the speed of your PC.

Play and Work Seamlessly

Automatically activate *Game*, *Laptop*, or *Silent Mode* to minimize interruptions, prolong battery life, or reduce system load to ensure seamless and secure game play.

Backup Solution (Protegent Total Security 2012)

Protegent360 comes with a Backup module that helps you make reserve copies of any valuable data on your system. You can backup your data on your computer, removable disks, and a network location or to a remote location through FTP. This module is powered by Protegent.

System Requirements

MINIMAL

- Operating system: Microsoft Windows XP SP3
- (SP2 for x64), Vista (SP1), Microsoft Windows 7
- Available free hard disk space: 1 GB free space
- CPU: 800MHz processor
- Memory (RAM):
- 512 MB (Microsoft Windows XP)
- 1 GB (Microsoft Windows Vista and Microsoft Windows 7)

RECOMMENDED

- Operating system: Microsoft Windows XP SP3
- (SP2 for x64), Vista (SP1), Microsoft Windows 7
- Available hard disk: 1 GB Free Space
- CPU: Intel CORE Duo (1.66 GHz) or equivalent processor
- Memory (RAM):
- 1GB (Microsoft Windows XP and Microsoft Windows 7)
- 1.5 GB (Microsoft Windows Vista)

SOFTWARE REQUIREMENTS

- Internet Explorer 6 (Internet Explorer 7 recommended)
- Yahoo Messenger 8.1
- Microsoft Windows Live Messenger 8
- Firefox 3.x
- Thunderbird 3.0.4
- Outlook 2003, 2007, 2010
- Outlook Express
- Microsoft Windows Mail
- Adobe Flash Player 10.0.45.2
- .Net framework 2.0