



## OPTENET SECURITY SOLUTIONS FOR MOBILE DEVICES

### Client-based protection for mobile devices

*Optenet Security Solutions for Mobile Devices is a complementary offering for mobile operators wishing to provide security services for their customers, using solutions that are installed on the device itself.*

#### FUNCTIONALITIES

AUTOMATIC UPDATES TO VIRUS DEFINITIONS VIA GPRS, EDGE, WIFI, OR UMTS CONNECTION, FOR PROTECTION FROM THE LATEST THREATS

USER-FRIENDLY INTERFACE

AUTOMATED CALL & MESSAGE FILTERING

SMS/MMS PROTECTION

USER OPTIONS FOR UPDATE FREQUENCY AND TRAFFIC MONITORING

CELLULAR, WIFI AND PHONE-TO-PC FIREWALL

NETWORK-LEVEL PACKET FILTERING

FULL CONTROL OF ALERT AND LOGGING FUNCTIONS

AUTO-LAUNCH ON PHONE RESTART



Optenet Security Solutions for Mobile Devices provides comprehensive protection from viruses and malware in a wireless mobile environment, the most advanced call and message filtering capability on the market today, and customizable firewall protection. The solution supports the widest range of mobile platforms and devices on the market, including Symbian, Windows Mobile, Palm RIM and Linux.

#### VIRUSGUARD

VirusGuard secures mobile devices by scanning for malicious content on-demand and on access. The on-access feature continuously monitors the device and scans all data received. Once harmful content is detected, it alerts the user and offers the option to delete or save the data. Virus definitions are easily downloaded over-the-air by all subscribers, protecting mobile devices from the latest threats.

Viruses and malware cause unwanted billing, damage to valuable user data, and can render the mobile device unusable. **VirusGuard** protects mobile devices against viruses and malware delivered via e mail, SMS, MMS, direct download, Bluetooth or infrared transmission. Optenet has developed versions of this software that work on mobile devices from all the major device manufacturers and on all major mobile device operating systems. This state-of-the-art software addresses the additional, unique challenges presented by mobile

devices, such as limited device memory and limited battery capabilities. Unlike other mobile antivirus software products, Optenet's innovative software and services do not negatively impact device or network performance.

#### Solution Elements Include:

- Automatic updates to virus definitions via GPRS, EDGE, Wi-Fi, or UMTS connection, for protection from the latest threats
- Auto-launch on phone restart
- User alerts upon detection, with option to delete infected data
- User options for update frequency and file monitor state
- Full logging of scan and detection activity
- Support for push updates over-the-air or via SMS

powered by  

**SM&B SYSTEMS**

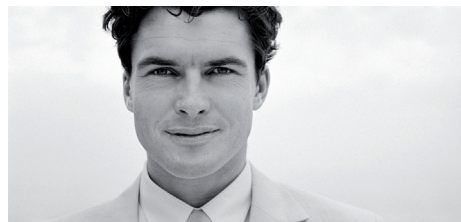


## POINTGUARD (CALL AND MESSAGE FILTERING)



**PointGuard** provides enhanced call and message filtering capabilities. Users can choose to block incoming SMS, MMS and/or voice calls from selected contacts and unknown users by establishing a customized blacklist.

- Automated call & message filtering
- Creation of blacklists to provide customized call and message filtering
- Import feature for blacklisting numbers from the device's existing contacts list
- Spam folder to detain unwanted messages
- Tracking logs for all blocked calls and messages
- Auto-boot on phone restart



## FIREWALL

**Optenet Firewall** protects users from current and future threats by providing filtering and blocking on a wide variety of communication mediums. With the surge in mobile device threats, hackers are attacking devices on a 24/7 basis. Optenet Firewall offers a bi-directional, packet filtering option, protecting the mobile device from accessing harmful or suspicious content and preventing malicious content from being transferred to the device.

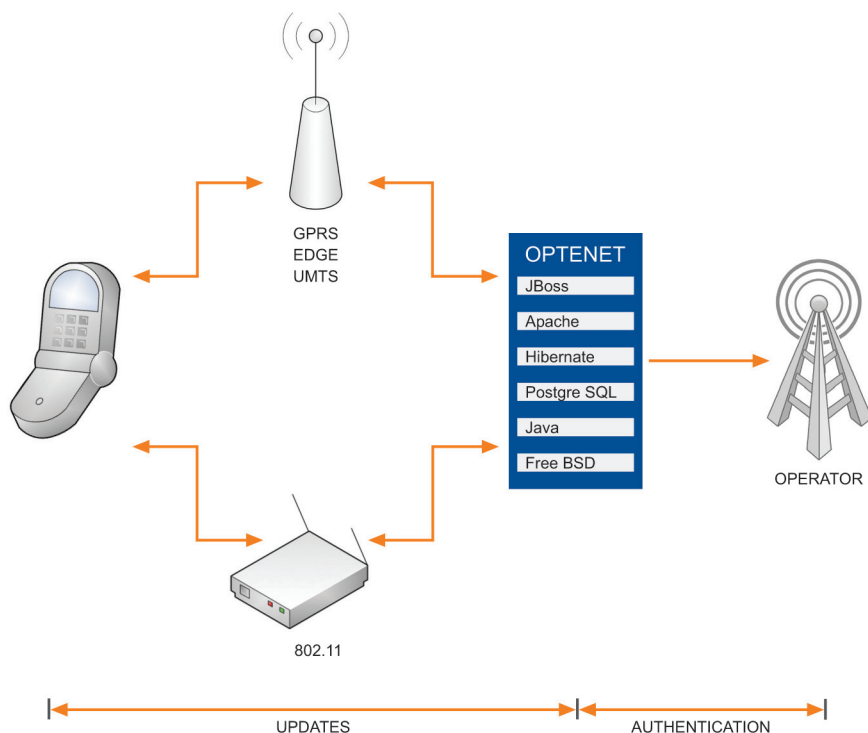
Firewall monitors Cellular (GPRS, EDGE, CDMA), Wi-Fi and Phone-to-PC traffic, blocking and allowing incoming and outgoing data packets and employing rule-based application filtering.

### Solution Elements Include:

- Inbound and outbound traffic monitoring
- Network-level packet filtering
- Full control of alert and logging functions
- User-friendly interface
- Filtering based on customizable whitelist and blacklist



## LICENSING AND UPDATING (handset only)



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