



FortiClient™ Mobile
Security Software

Release Notes
FortiClient Mobile v3.0 GA PD

March 15, 2007

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1 FortiClient Mobile v3.0 GA PD

FortiClient Mobile Security Software is designed to provide a secure computing environment for mobile users running the most popular Symbian and Windows Mobile systems. This document describes the features of the FortiClient Mobile v3.0 GA PD release software and provides additional information on installation and uninstall.

FortiClient Mobile v3.0 GA PD for Symbian is also known as v3.0.039.

FortiClient Mobile v3.0 GA PD for Windows Mobile is also known as v3.0.030.

1.1 Language Support

FortiClient Mobile v3.0 GA PD is currently supported in English and Simplified Chinese.

FortiClient Mobile v3.0 GA PD is tested on English, Simplified Chinese, and Traditional Chinese Symbian OS and on English and Simplified Chinese Windows Mobile OS only.

1.2 License

FortiClient Mobile v3.0 PD includes 90 days of free Antivirus updates support. Purchasing a FortiClient Mobile service subscription takes your FortiClient out of evaluation mode. Note that reinstalling FortiClient Mobile v3.0 PD will NOT give you another 90 days of free AV updates support.

In evaluation mode, the following features are enabled:

- Personal firewall
- Anti-Spam
- Antivirus scan
- Real-time protection
- Incoming call filtering
- 90-days of free AV updates

Access to ongoing AV updates support requires purchasing a FortiClient Mobile service subscription.

Contact your local Fortinet sales engineer or <https://shop.fortinet.com> or visit <http://www.fortinet.com/products/forticlient.html> to buy or renew a license key.

1.2.1 License Key and Serial Number

As of FortiClient Mobile v3.0 GA PD, the FortiClient license expiry date is displayed on the dashboard after you update FortiClient for the first time. This reminds users to renew the contract for the license key before it expires. If there is no license or the license has expired, FortiClient will not be able to get the FortiGuard service updates, including AV.

Contact your local Fortinet sales engineer or <https://shop.fortinet.com> or visit <http://www.fortinet.com/products/forticlient.html> to buy or renew a license key.

All registered customers, with valid license serial number, may enter their support tickets via the support site: <https://support.fortinet.com>.

1.3 System Requirements

FortiClient Mobile v3.0 GA PD has the following system requirements:

- Mobile device with ARM processor or equivalent
- Compatible operating systems:
 - Nokia Series 60 with Symbian OS 7.0s
 - Nokia Series 60 with Symbian OS 8.0a
 - Nokia Series 60 with Symbian OS 8.1
 - Nokia Series 60 with Symbian OS 9.0/9.1/9.2/9.3
 - UIQ 2.0 and 2.1 with Symbian OS 7.0/8.0.
 - UIQ 3.0 with Symbian OS 9.0/9.1/9.2/9.3
 - Windows Pocket PC 2003
 - Windows Pocket PC 2003 SE
 - Windows Pocket PC 2003 Phone Edition
 - Windows Pocket PC 2003 Phone Edition SE
 - Windows Mobile 5.0 for Pocket PC
 - Windows Mobile 2003 SE for Smartphone
 - Windows Mobile 5.0 for Smartphone
- 700 KB free space in phone memory for FortiClient Mobile Symbian version
- 3 MB free space in phone memory for FortiClient Mobile Windows Mobile version

1.4 Supported Smartphones

FortiClient Mobile v3.0 PD is tested on the following smartphones:

- Nokia Series 60 smartphone
Nokia6600 Nokia6260 Nokia 3230 Nokia6630 Nokia6670 Nokia7610
Nokia N70 Nokia N72 Nokia N73 Nokia N92 Nokia N90 Nokia E61
- UIQ smartphone
Sony Ericsson P910 Sony Ericsson P910c Sony Ericsson M608c
Sony Ericsson M600 Nokia 6708
- Windows Pocket PC
Dopod 696 Dopod 818 Dopod 830 Dopod 838
Dell AXIM X30 i-mate PDA2K PH208
- Windows smartphone
Dopod 585

2 Upgrade/Install/Uninstall Information

FortiClient Mobile will be upgraded to the latest version automatically simply by running the installation package. Before upgrading, please make sure your package is for the International version. If you want to trial the FortiClient Mobile China Mobile version, please double check that you have completely uninstalled FortiClient Mobile for International version and have deleted all FortiClient Mobile files from the FortiClient directory in the phone memory.

All FortiClient Mobile files will be installed to your phone memory by default.

Notes:

2.1 On Nokia Series 60 Symbian OS 7/8

- 1) After upgrading FortiClient Mobile, all user settings and quarantined files CAN be saved.
- 2) FortiClient Mobile provides an “Uninstall” feature in FortiClient Mobile “Option” menu, by which you can uninstall FortiClient Mobile easily. This feature is available only on Nokian Series 60 Symbian OS7/8.

If you want to uninstall FortiClient Mobile by AppMgr on Symbian OS 7.0s, please disable real-time protection first.

- 3) FortiClient tray icon will be set to OFF automatically after upgrading from FortiClient Mobile 2.0 version.

2.2 On Nokia Series 60 Symbian OS 9

- 1) After upgrading FortiClient Mobile, all user settings and quarantined files CAN be saved.

2.3 On UIQ 2.0/2.1/3.0

- 1) After upgrading FortiClient Mobile, all user settings and quarantined files CAN be saved.
- 2) Please make sure your memory card is inserted before doing the upgrade. Otherwise, the upgrade will fail
- 3) Please disable real-time protection before doing upgrade and uninstall on UIQ 2.0/2.1.

2.4 On Windows Mobile PPC & Smartphone

- 1) FortiClient Mobile will be installed in your "Program Files" directory by default. For FortiClient Mobile to work more stably and protect your system better, we recommend that you reboot your device after installation or uninstallation. During uninstalling or upgrading of FortiClient Mobile, user settings and quarantined files can't be saved.
- 2) When using the .EXE package to upgrade, because of the mechanism of Window CE, you need to do the following:
Assume you have FortiClient installed.
 - A. Install FortiClient Mobile using .EXE package.
 - B. WinCE will ask you to reboot your system.
 - C. Reboot device.
 - D. Run FortiClient Mobile .EXE installation package.
 - E. FortiClient Mobile is doing upgrade.
 - F. After finishing upgrade, reboot your device.
- 3) When using the .CAB package to upgrade, the upgrade will be done automatically. You need to do the following:
Assume you have FortiClient installed.
 - A. Install FortiClient Mobile using .CAB package.

- B. Upgrade is processing and WinCE will ask you to reboot your system.
- C. Reboot device.
- D. Upgrade continues to run during boot up.
- E. Reboot the device following the prompt.

3 Feature List

Please refer to “FortiClient Mobile 3.0 PD feature list.pdf”. For more detailed feature information, please refer to Appendix A.

4 New Features and Enhancements

4.1 New Features

1) New friendly GUI

- Uses new FortiClient Mobile theme.
- User can change feature setting from GUI instead of stepping into the setting page.
- Support “C” key to delete entries in list boxes
- Support “OK” key to edit entries in list boxes

2) Uninstall FC from menu (Nokia S60 Symbian OS7/8 only)

User can uninstall FortiClient from the FortiClient menu instead of using the Application Manager.

3) Default RTM action

FortiClient Mobile supports default RTM action. With a profiled RTM default setting, user can “Deny access” and “Delete” a found virus without popping up the RTM window.

4) Incoming Call Manager

A. Incoming Call Manager status

User can see Incoming Call Manager status, incoming call filter mode, and statistics for denied calls, voice messages and unread voice messages.

B. Incoming call filter mode

- Silence mode. Automatically mute ring tone when there is a new call.
- Busy mode. Automatically hang up incoming call.
- SMS reply mode. Automatically hang up incoming call and a reply via SMS.

- Incoming call forward mode. Automatically forward the call to another phone number.
- Leave voice message mode (For Nokia series 60 only). Automatically pick up the phone and prompt caller to leave a voice message.

C. Black/white list support

D. Unknown number and empty number call handling

User can set action to “Deny” or “Accept” for unknown number and empty number calls.

E. Profiled SMS and customized SMS (used for SMS reply mode)

User can choose profiled SMS or customized SMS (64 characters at most).

F. Profiled incoming call forward and customized incoming call forward number (used for Incoming call forward mode)

User can choose profiled phone number or customize a phone number.

Notes: Incoming call forward setting will fail if your SIM card doesn't support Incoming call forward.

G. Record greeting message (used for leave voice message mode)

H. Import greeting message (used for leave voice message mode)

Supports .amr file format only

I. Play voice message (used for leave voice message mode)

J. Voice message local storage (used for leave voice message mode)

User can choose to save voice message to phone memory or MMS card.

5) **New log entry for Incoming Call Manager**

In the Incoming Call Manager log page, user can get information on incoming call time, incoming call number, and action on incoming call.

6) **Import phone number from contact list**

User can import phone numbers from the contact list to the black/white list

7) **Start FortiClient console by pressing FortiClient shortcut key (for S60 only)**

At any time, by pressing FortiClient shortcut key (“Pen” key + “*” key) for a second, you can start FortiClient console.

8) **Move tray icon anywhere on the screen (for UIQ only)**

By tagging on the tray icon, you can move the tray icon anywhere you want on screen..

9) **Start FortiClient console by clicking on tray icon (for UIQ only)**

Any time, by clicking on the tray icon, you can start FortiClient console.

10) **Select to delete spam SMS or move spam to recycle bin (for Symbian platform only)**

11) Billable prompt (for Symbian platform only)**12) XAuth VPN support (Windows Mobile only)**

User can create a VPN tunnel with XAuth.

13) Support Nokia Series 60 Symbian OS 9.0**14) Support UIQ OS 3.0****15) Support Windows smartphone 2003**

4.2 Enhancements

1) Antivirus engine is enhanced

The antivirus engine is more stable. Veracity and scanning speed is enhanced.

2) Show files inside SIS package when scanning SIS package

Show the scanning process in detail.

3) More user-friendly GUI

Improved FortiClient Mobile GUI and text. Additional user notification prompts.

4) Optimize arithmetic in Quarantine

Optimize arithmetic in Quarantine to speed up the read/write operation in Quarantine.

Show 4 status tray icons

Status tray icons show which features are enabled without opening FortiClient console.

5) Prompt user when FortiClient Mobile is going to expire within 7 days

Improved Activate GUIUser can see the activate code and access point in the Activate GUI.

6) Improved Update GUI

- Shows access point in Update GUI.
- Use process bar instead of the TOPMOST updating window.

7) Support wildcard character in black/white list

User can use "*" and "?" in black/white list in SMS filter and incoming call manager.

8) Added timer to real-time protection window

Real-time protection window closes and denies file access after 10 seconds if there is no action.

9) **No need to restart device after installing/upgrading FortiClient (Windows Mobile only)**

10) **VPN for Windows Mobile 5.0 (Windows Mobile only)**

FortiClient Mobile VPN works on Windows Mobile 5.0 for Pocket PC OS.

11) **Compatible with GPRS component (Windows Mobile only)**

FortiClient Mobile Firewall works on devices with GPRS.

12) **Compatible with Flight mode**

FortiClient Mobile works when device is in Flight mode.

5 Known Issues

For Symbian Platform

1. On Nokia N92 devices, with radio on, recording a greeting will cause device reboot.
2. On Nokia N70 or N72 devices, the real-time protection window sometimes opens with no content.
3. On N90 devices, Tray icon will hide when entering some screens.
4. FortiClient can't set incoming call forward successfully when the customer uses the SIM card in another country.

For Windows Mobile Platform

1. Antispam feature in Windows Mobile Smart phone device doesn't work, because certificate is signed by Microsoft.
2. User can't change his ring type after FortiClient is installed.
3. FortiClient can't disable vibration completely. If the ring type is vibration, the phone set will vibrate several times when FortiClient is filtering an incoming call.
- 4.
5. On Windows Mobile 5.0 devices, FortiClient can't play voice greetings.

6 Appendix A

Feature Description

This section describes how to use the following FortiClient features:

- Antivirus
- Anti-spam
- Firewall
- Quarantine
- VPN
- Address Book Protection
- Update
- Incoming call manager
- Activate
- Log

6.1 Antivirus Feature

- **Full Path Scan**

FortiClient Mobile can scan the whole disk and memory for viruses. All running viruses will be killed directly by FortiClient Mobile.

- **Customize Scan**

User can specify a path to scan by using a friendly GUI.

- **Scan Scheduling**

FortiClient Mobile supports schedule scan by day, by week and by month. Any running virus will be killed directly during schedule scan.

- **Real-time Protection**

FortiClient Mobile real-time protection includes file protection, Bluetooth protection, IrDA protection and MMS protection. It can protect your mobile device from virus attacks in real time.

● Heuristic Scan

During virus scan and real-time protection, by default, FortiClient Mobile will enable heuristic scan mechanism to find unknown viruses.

6.2 Anti-Spam Feature

The FortiClient Mobile Anti-spam feature can filter incoming SMS and MMS messages following the rules in your black/white list. Also, the user can choose to block “Unknown number” and “Empty number” SMS and MMS messages. FortiClient Mobile deletes banned SMS and MMS messages. You can review anti-spam activity in Log -> Anti-spam.

FortiClient has two options for action when it finds spam SMS messages: “Delete” or “Move to recycle bin”. When the “Delete” option is selected, spam SMS messages are deleted automatically. When “Move to recycle bin” option is selected, spam SMS messages are moved to a “Trash” folder. You can find all spam SMS messages there.

Notes: The Anti-spam program follows the following priorities when rules conflict:

Block Empty Number

White list

Black list

Block Unknown Number

6.3 Firewall Feature

Use FortiClient Mobile firewall to control your Internet, such as HTTP and HTTPS, and email traffic. Depending on the protection level you set, the firewall controls inbound and outbound traffic to and from your mobile device.

Notes:

There are three protection levels.

Low: Stealth mode. Allow inbound and outbound traffic.

Medium: Stealth mode. Deny inbound traffic. Allow outbound traffic.

High: Stealth mode. Deny inbound traffic. Allow common outbound traffic.

Here are the common outbound traffic ports allowed by FortiClient Mobile:

TCP: HTTP(80, 8080), ECHO(7), DISCARD(9), SYSTAT(11), DAYTIME(13),
NETSTAT(15), FTP(21), TELNET(23), SMTP(25), WHOIS(43),
TIMESERVER(37), NAMESERVER(42), POP3(110), GPRS
PROXY(9201).

UDP: TFTP (69), FINGER (79), DNS (53).

6.4 Quarantine Feature

The FortiClient Mobile Quarantine feature moves suspected virus files to a folder instead of deleting them. The user can optionally restore the file to its original place or to a specified path. There is a configurable limit for quarantine size of 500Kbytes to 4Mbytes.

6.5 VPN Feature

The FortiClient Mobile VPN feature can create a secure connection over GPRS and Wi-Fi. In this released build, we support Preshared Key VPN and VPN with XAuth.

Notes: All VPN tunnel configurations in FortiClient Mobile need to be imported from FortiClient Host Security Software running on a Windows platform.

6.6 Address Book Protection Feature (PPC2003 only)

Use FortiClient Mobile Address Book Protection to protect your contact list from being modified by malicious programs. FortiClient Mobile will prompt you the first time a program tries to modify your contact list. Once the program is added to "Safe Process List", FortiClient Mobile will automatically allow or deny access to the contact list depending on the action you select.

Notes: This feature is now only available on PPC 2003, Pocket PC 2003 SE, Pocket PC 2003 Phone Edition, Pocket PC 2003 Phone Edition SE.

6.7 Update Feature

- **Update Manually**

You can update your FortiClient Mobile at any time simply by pressing the update button.

- **Scheduled Update**

FortiClient Mobile supports scheduled update by day, by week and by month.

6.8 Incoming Call Manager

- **Silence mode.**

Automatically mute ring tone when there is a call.

- **Busy mode.**

Automatically hang up incoming call.

- **SMS reply mode.**

Automatically hang up incoming call and reply SMS.

- **Incoming call forward mode.**

Automatically forward the call to another phone number. You can customize the phone number to forward to.

- **Leave voice message mode. (Symbian OS only)**

Automatically pick up the phone and prompt the caller to leave a voice message.

Notes: Incoming Call Manager will use the following priorities when rules conflict:

- Block Empty Number
- White list
- Black list
- Block Unknown Number

6.9 Uninstall (Symbian S60 OS7/8 only)

FortiClient Mobile can be uninstalled from the FortiClient menu.

