



FortiClient™ Mobile Symbian Security

Release Notes
FortiClient™ Mobile v4.1 GA
Rev. 1.2

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1 FortiClient Mobile Symbian Security v4.1

FortiClient Mobile Symbian Security is designed to provide a secure computing environment for mobile users running the most popular Symbian Operating Systems.

This document outlines the features as well as resolved and known issues specific to the FortiClient Mobile Symbian Security v4.1 GA release. There are two editions of the Symbian client software to support the respective handset operating systems with features dependant on the host operating system. But in FortiClient Mobile Symbian Security v4.1 GA, released package only supports Symbian 7 & 8 OS.

In addition to the handset version, a special release exists for the China Mobile version of the client. This release document relates to the International version of the client only.

1.1 Language Support

FortiClient Mobile Symbian Security v4.1 GA currently provides support for English, German, Italian, French, Spanish, Simplified Chinese and Traditional Chinese.

1.2 Licensing

FortiClient Mobile Symbian Security v4.1 GA includes 90 days of free Antivirus updates in evaluation mode. Purchasing a service subscription allows the client to exit this evaluation mode.

Note that reinstalling FortiClient Mobile Symbian Security v4.1 GA does not provide another 90 day evaluation period.

During the evaluation period the following features are supported:

- Personal Firewall*
- Antispam
- Antivirus Scan
- Real Time Protection
- Incoming Call Filtering
- Phone security
- 90 Days of software updates

Access to ongoing Antivirus and software update support requires the purchase of a FortiClient Mobile service subscription.

Note: * feature is only available on Symbian S60 OS 7 and 8. Other features are available on Symbian S60 OS 7, 8 and 9.

1.2.1 License Key and Serial Number

With the release of FortiClient Mobile Symbian Security v 4.1 GA the license expiry date is displayed on the GUI dashboard once you update FortiClient for the first time. This is intended as a reminder to users to renew the license before the contract expires. If there is no license available or the license has expired FortiClient Mobile will be unable to update the virus definition file.

To renew or purchase a license key please visit <https://shop.fortinet.com> or <http://www.fortinet.com/products/forticlient.html>. Alternatively contact your local sales representative.

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

1.3 System Requirements

FortiClient Mobile Symbian Security v4.1 GA 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
 - Note that support for Nokia Series 60 with Symbian OS 9.x will be provided in the next release.
- Resource Requirements
 - 1.3 MB free space in phone memory for FortiClient Mobile Symbian version

1.4 Release Build Information

FortiClient Mobile Symbian Security v4.1 GA is known as 4.1.073.

FortiClient Mobile Symbian Security v4.1 GA has only 1 release build,

- FortiClientSymV400_Build073_S60_Global.SIS
 - Installation package for Symbian OS 7.* & 8.*

1.5 Testing Environment

There are a myriad of handsets available for the operating systems supported by the FortiClient Mobile Symbian Security v4.1 GA. The test environment is used to validate each release across a limited range of these handsets. Currently the handsets tested are:

- Nokia Series 60 smartphone running Symbian OS 7 & 8
 - Nokia 3230
 - Nokia 6600
 - Nokia 6260
 - Nokia 6630
 - Nokia 6670
 - Nokia 7610
 - Nokia N70
 - Nokia N72
 - Nokia N90

2 Special Notices

2.1 Symbian Sign Support

Symbian Signed is an industry-backed scheme allowing Symbian OS software developers to obtain a digital signature for their applications. In order to obtain such a signature, the company or individual responsible for the development of the application must be clearly identified and the application must pass certain tests. This allows the originator of the application to be traced should any problems occur in the future and ensures that the signed applications meet certain minimum standards. Symbian Sign can be a time consuming process but is a requirement of Symbian 9.x host operating system software.

FortiClient Mobile Security passes Nokia Symbian Sign, this means that FortiClient Mobile Security can be installed on all Nokia Symbian v9.* phones, phones from other manufacturers would require a different, manufacturer specific certificate.

2.2 Deployment Models

Two deployment models are available for the client.

- A standalone version which requires the handset owner to download and install the client software from <https://shop.fortinet.com>. This model is available to all users.
- A Service Provider version is also available where additional infrastructure is installed within the service provider network to assist with the purchasing, licensing and virus service updates. This mode typically involves an integration effort and can include a service provider branded release of the FortiClient Mobile Client. For more information please contact your local Fortinet sales representative.

3 Installation and Upgrade Information

3.1 General

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 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 FortiClient directory in phone memory.

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

Notes: FortiClient Mobile v4.0 doesn't support upgrade install from v3.0 and v2.0. But upgrade installation can work for all v4.* or later releases.

3.2 Nokia Series 60 Symbian OS 7/8 Edition

1. After upgrading FortiClient Mobile, all user settings and quarantined files can be saved.
2. FortiClient Mobile provides an "Uninstall" feature in the FortiClient Mobile "Option" menu, by which you can uninstall FortiClient Mobile cleanly. This feature is available only on Nokian Series 60 Symbian OS7/8.
3. If you want to uninstall FortiClient Mobile by AppMgr on Symbian OS 7.0s, please try to disable real-time protection first. If it still can't work, please use the uninstall feature provided by FortiClient Mobile.
4. FortiClient tray icon will be set to OFF automatically after upgrading from FortiClient Mobile 2.0 version.

Note: FortiClient mobile provides the ability to upgrade from previous versions, however in some Symbian 7.0 OS implementations an outstanding OS issue prevents this from completing successfully. It is therefore recommended that the old version of FortiClient is uninstalled before the new version install is attempted.

3.3 Notes when uninstalling FortiClient Mobile Symbian v4.*

From FortiClient Mobile Symbian Security v4.1 GA, FortiClient Mobile will prompt customer whether to delete all personal data when uninstalling. Personal data including the following ones:

1. FortiClient Mobile Symbian configuration file
2. Black/White list
3. Encrypted Contact/SMS/Log/File/Note
4. Greeting media file and incoming call record media file

Special notes for Symbian 9

By symbiansign request, FortiClient Mobile Symbian for Symbian 9 package will have 2 embedded sis packages. One is binary core files, the other one is auto-start files. So, from application manager, you will see 3 entries, FortiClient, FortiClient core component and FortiClient Mobile Autorun.

To uninstall FortiClient Mobile, choose FortiClient entry and choose uninstall. It will uninstall the other 2 components automatically. Otherwise, you need to uninstall each component manually.

4 FortiClient Mobile Symbian Security v4.1 GA New Features and Enhancements

This section summarizes the new features for FortiClient Mobile Symbian Security v4.1 GA

4.1 New Features

4.1.1 Graphical User Interface (Symbian 9)

The FortiClient Mobile Symbian Security v4.1 BETA has been extensively updated to offer various usability and cosmetic enhancements to help with user navigation.

4.1.2 Multiple language support

Language support has been extended to include the following:

English, German, Italian, French, Spanish, Simplified Chinese and Traditional Chinese

4.1.3 Encrypt folder in System Message

In System Message, FortiClient Mobile creates a special folder, named "Secret". In Encrypted status, any message moved to this folder will be encrypted automatically independent of other settings.

4.1.4 Encrypt contact management

From FortiClient Mobile Encrypt -> Setting, allows the end user to manage encrypt groups to add/remove contacts.

4.1.5 AntiVirus Real Time Monitoring

FortiClient Mobile provides 3 new real-time protection modes, fast, standard and security mode.

4.1.6 Import Contact from Call Log

In Black/White list, FortiClient Mobile has a new feature to allow customer to import contact from call log.

4.1.7 Password recovery

After setting Encrypt password, FortiClient Mobile allow customer to set a Q/A to recover the password.

4.2 Enhancements

4.2.1 Performance Improvements

Improvements in performance have been provided in the following areas:

- Antivirus Engine
- Incoming Call Filter
- SMS Filter

4.2.2 Improve wildcard character design

Removed “?” character support. Now correctly supports “*” character.

4.2.3 Landscape mode GUI support

Support of the landscape mode display has been enhanced to extend the compatibility of this mode.

4.2.4 Change SMS status after read

In Encrypted SMS feature, if a unread SMS is opened, FortiClient Mobile will now change its status to read.

4.2.5 Sort SMS by folder

After SMS is encrypted, FortiClient Mobile will sort SMS by its original folder.

4.2.6 Use the same file explorer style

The explorer display has been harmonized to use the same approach for both the Customise Scan and Encrypt File options.

4.2.7 Display tray icon only in main screen

FortiClient Mobile tray icon is now displayed in main window only.

4.2.8 Incoming call phone number recognition design

Phone number recognition module has been extended to identify additional country numbers.

5 Known Issues

Description: The real time protection window sometimes opens with no content
Models Affected: Nokia N70 and N72
Bug ID: 69589 **Status:** To be fixed in later release

Description: Empty window displayed when trying to call encrypted contact
Models Affected: Nokia N70 and N72
Bug ID: 69590 **Status:** To be fixed in later release

Description: Add default name when importing contact details with no name from system contact list in to white list
Models Affected: All
Bug ID: 77111 **Status:** To be fixed in later release

6 Appendix A – Feature Description

This section describes how to use the following FortiClient features:

- Antivirus
- Anti-spam
- Firewall
- Quarantine
- Phone security
- Update
- Incoming call manager
- Register

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.

Note: To run schedule scan, please mark sure you have exit the whole FortiClient
- **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 any incoming SMS and MMS following the rule in your black/white list. Any banned SMS and MMS will be deleted or quarantined by FortiClient Mobile. You can review the information in Log -> Anti-spam log scenario if deleted, or in phone -> Message -> Trash folder if quarantined.

FortiClient has an option for action when finding spam SMS. User can choose either “Delete” or “Move to recycle bin”. When “Delete” option is selected, spam SMS will be deleted automatically. When “Move to recycle bin” option is selected, spam SMS will be moved to a “Trash” folder. You can find all spam SMS there.

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

- Block Empty Number
- White list
- Black list

- Block Unknown Number

FortiClient Mobile anti-spam has option to block Wap push message. By turning it ON/OFF, FortiClient Mobile can automatically filtering Wap push message.

6.3 Firewall Feature (Symbian S60 OS 7&8 only)

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.

Note:

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

FortiClient Mobile supports Quarantine feature. With "Quarantine" status ON, FortiClient Mobile will make a backup for any deleted file and put it into a folder. The user can restore it to its original place or a specified path. Of course, there is a configurable limit for quarantine size of 500K to 4M.

6.5 Phone Security

FortiClient Mobile Phone security has a series of features that provide protection for the data stored on a handset device. By specifying personal contacts in phone security setting, you can encrypt/decrypt SMS, MMS and event log relating to the personal contact.

- **Encrypt / Decrypt Protected SMS Messages**
- **Encrypt / Decrypt Protected MMS Messages**
- **Encrypt / Decrypt Protected Event Log**
- **Encrypt / Decrypt Event notification**

User can prompt when encrypt/decrypt event occurs

- **Quick File Encrypt**

User can encrypt any file on disk with a password. The user can also delete and restore the file, additionally a memo can be added to the file and backup/restore of all encrypted files can be performed.

- **Quick Personal Notebook**

- **Auto Encrypt**

FortiClient will encrypt all personal information automatically when the phone is in an idle state

- **Restore selected SMS or Contacts**
- **Encrypt Personal information when OS boots up**
- **Call from Encrypted Contact / SMS/ Event log list**
- **Send SMS from Encrypted Contact / SMS/ Event log list**
- **Hidden Mode (China Mobile edition only)**

Note: Before changing your MMC, please decrypt all data in first and then encrypt all data to local phone disk. Otherwise, the data in you MMC will be lost and can't be recovered.

6.6 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

Note: To run schedule update, please mark sure you have exit the whole FortiClient

6.7 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.**

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

Note:

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

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

6.8 Uninstall (Symbian S60 OS7&8 only)

FortiClient Mobile can be uninstalled from FortiClient menu

6.9 Register

Register FortiClient Mobile software by inputting license and certificate by Fortinet server.