

NetOp Mobile & Embedded



Release notes – version 9.0

Danware is proud to introduce NetOp Mobile & Embedded version 9.0 Host. This product is aimed at devices like PDAs, SmartPhones, kiosks, tills, ticket machines, production machinery etc.

Host Features

Microsoft Windows CE Host

This module allows enhanced bitmap mode remote control of the Windows CE display and keyboard. For online communication with the Host user, the module includes the ability for a connected Guest to switch into text chat mode. The device can be called and controlled by a NetOp Guest by its IP address or DNS name via HTTP, TCP or UDP. As the operating system boots up, the Host module can be loaded in either visible or hidden mode. A registry setting can make the Host run in Stealth Mode.

The Host can be protected by a number of security settings: Default password, System password, Confirm access, Maintenance password and the ability to allow or deny specified session types.

To change the configuration of a Windows CE Host, an external configuration editor can be launched from a Windows 32 bit desktop computer connected via the MS ActiveSync application.

Platforms and processors

Windows Mobile 5 Pocket PC or Smartphone
Windows Pocket PC 2003, 2003SE
Windows CE 5.0, 4.2
ARM processors

Other platforms and processors will be supported on request.

Installation

The installation can be prepared on the desktop computer even while the device to install on is not cradled.

Text Chat

Single line formatted text chat.

File transfer

Full functioning File Manager is supported.

Request Help

The Host can send Standard Help Service Requests to NetOp Remote Control Guest(s).
A hotkey for Request Help can be defined through the configuration program. The default is shift-F3. The Host includes an option to request help when an ActiveSync connection is established when the device is cradled. Multiple Help Request configurations are possible.

Inventory

The Host includes an inventory server that lets the NRC Guest request an inventory scanning including battery level and WiFi strength.

Event logging

The Host can log to NetOp Security Server or to a local NetOp Log file.

Security Server

The Host supports the use of NetOp Security Server for authentication.

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Receive message from Guest

The Host can receive and display an rtf message sent from a NetOp Remote Control Guest.

Run Program

The Host supports “Run Program” commands from the NetOp Remote Control Guest.

Wake-up Host at predefined hours

The Host can be configured to wake-up at pre-defined hours and stay on a certain number of seconds. This can be used for scheduled remote maintenance.

Stealth Mode

The GUI can be suppressed running the Host in Stealth Mode. To activate stealth mode a registry entry has to be created:

Local Device\HKEY_CURRENT_USER\Software\Danware Data\NetOpHost\View\Stealth = 0x1

This setting is read by the Host at startup. The Host is only able to read the setting – not write.

Send messages to the Host from an External Program

Once the Host runs it is possible to send the following messages to the Host from other programs:

- REQUEST_HELP [overriding parameters]
- CANCEL_HELP
- EXIT_ON_IDLE [delay]
- POST_MESSAGES_TO “windowcaption”
- SEND_CHAT_MESSAGE “message”
- HIDE [Yes/no]

The usage is described in the host Manager On-line Help. Examples are provided in the file exevent2.zip.

Receiving Host Messages in an External Program

A program can send a command “MESSAGES mycaption” to instruct the Host to send messages to the window with the caption “mycaption” at a list of internal events. These events include

- OPENING
- READY
- CONNECT guestname (this includes any RC, File transfer or Chat)
- DISCONNECT guestname
- STOPPED
- RESTARTING
- EXITING
- MESSAGE_FROM_GUEST message
- CHAT_MESSAGE message
- HELP_REQUEST_START
- HELP_REQUEST_CANCEL
- HELP_REQUEST_PENDING
- HELP_REQUEST_FAILED

The usage is described in the Host Manager On-line Help. Examples are provided in the file exevent2.zip.

OBS

- Help Request Service Ticket is not implemented. Standard Help Service is supported.
- Only NetOp 6.5 Compatible encryption is implemented.

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