

**Comdasys FAQ: UMN  
Converged**

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## **Disclaimer**

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# 1. Capabilities of Unit Manager

The Unit Manager Converged is a software which will facilitate the administration of your Comdasys Convergence, Convergence GW, and FMC devices as well as Mediatrix Digital and Analog Gateway products.

It enables you to organize your network devices hierarchically into groups and to execute certain procedures, such as reboots, updates and the like, on one or several particular devices as well as on one or several groups of devices, hence centralizing the management of your network.

## The following actions are possible:

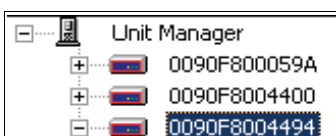
- Detection of the state of each Comdasys unit (e. g. power on/off)
- Automatic detection of new Comdasys units connected to the administrative domain
- Automatic list update with installation of new Comdasys units
- Real-time graphical presentation of actual configuration
- Tracking of configuration options of the Comdasys units on the network
- Storage of backup configuration files of each Comdasys unit
- Display of firmware release for any Comdasys units
- Field-upgrade of all Comdasys units
- Controlled implementation of new software
- Supports SNMP requests: GET, GET NEXT, GETTABLE, GET WALK, SET, TRAP
- SNMP abstraction layer: configuration can be changed without SNMP MIB knowledge

This document will briefly explain the most interesting and handy features of this software regarding Comdasys products, since the software itself is rather straightforward and self-explanatory. Should further, more in-depth information be required, please refer to the Unit Manager's excellent Administration Manual.

# 2. Platform Requirements

- Windows 2000
- Windows 2003 Server
- Windows XP
- Windows 2007 Server
- Windows Vista

# 3. Autodetecting new devices



On the left-hand side of the Unit Manager Converged you can see the following:  
Just right-click onto the *Unit Manager* level and select *Autodetect*

- a) The Unit Detection window which opens now allows you to search within an IP-address range or to search for one specific IP address (the values in both lines must be identical for the latter).
- b) Normally the default SNMP preferences should not have to be changed for the detection, if you are having difficulties finding devices, please ensure that generic SNMP support is enabled on the device.
- c) Click the start button, the results of the search will be listed in the lower part of the window. Units that had not been available when the last search was executed will be checked.
- d) After all of the devices you wish to add have been checked, just click on okay and they will automatically appear in the UMC list.



The *Community Name* set in the *SNMP Preferences* has to correspond at least to the *Read-only Password* set on your WebGUI (*SNMP* in the *DIAGNOSTICS* tab)

## 4. Monitoring

The UMC enables to monitor whether your units are on-line or offline.

### Polling Units On-line Status:

For periodical checks of the units' status go to *View/ Polling* if applicable set an automatic refresh time and click OK. The result will then be shown in the Status column of your unit list.

## 5. Configuration Backup

The Configuration of Mediatrix GWs can be backed up manually via the UMN Converged, whereas your Comdasys product provides you the option to automate this process completely.

### 5.1. Mediatrix

- Right-click the Mediatrix unit from which upload the current configuration.
- In the context sensitive menu that opens, select the *Configuration File > Transfer from unit* option
- The pop-up window updates the configuration file of the selected unit with the current configuration.
- To update the configuration file of several Mediatrix units, click the *Set target unit* button.
- Click *OK* to start the process.

### 5.2. Comdasys Products

- In the WebGUI go to the *SYSTEM* tab and open *Remote Backup Settings*
- Configure the server for an automatic backup and set an interval



Keep in mind that to later download the configuration back onto the devices, the most convenient configuration would be set the same ftp-server as backup server.

## 6. Mass Update

The more devices of the same type are connected, the more convenient this feature will become. Simply follow the instructions below to execute an automated update:

The update file has to be on an ftp- server. If the update is delivered in the form a zip-file, it is necessary to unzip it before proceeding.

- a) Right-click on one of the desired units, then select *Action/ Download Software*.
- b) By clicking on *Set target unit* a window opens up in which you may put together a list of all of the units/ groups you wish to update.
- c) Click OK and the view will return to the Action Unit Selection window
- d) Check the *Apply those values before proceeding* box and set the Server address to the IP of your ftp-server including the path for the update
- e) Click OK.
- f) If you would like to check the status of the update, simply right- click on an applicable unit and select Edit SNMP, which shows you the OID structure of your connected devices. The current status will be shown on on the right-hand side.



Since updating is a writing-process, please make sure that the *Community Name* set in the *SNMP Preferences* corresponds to the *Read/Write Password* set on your WebGUI (*SNMP* in the *DIAGNOSTICS* tab).



This procedure also applies to Comdasys Hotfixes. A Hotfix in that sense can be treated exactly the same way as an update

## 7. Reboot

Instead of restarting your units manually or one by one you may now restart all of the desired devices at once:

- a) Highlight the units in question (hold *Ctrl* while clicking on them to highlight certain units in different locations or hold *Shift* to highlight a consecutive number of devices).
- b) Then right-click the highlighted are, select *Action* and then *Restart (Abrupt)*.
- c) If the unit is not in use, a message informs you that it is about to restart. Approximately 10 to 20 seconds after receiving this message, you can refresh the unit information.



If it is in use, the restart is not processed.