

FW Upgrade and Settings Backup on Ramos Ultra

Manual

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Table of contents

1	Warning	4
2	Back Up	4
	2.1 <i>Get on setting tab</i>	4
	2.2 <i>Follow the 3 steps</i>	4
3	FW Upgrade	5
	3.1 <i>Get on the Setting tab</i>	5
	3.2 <i>Firmware version</i>	5
	3.3 <i>Follow the 3 steps</i>	6
	3.4 <i>You will then be presented with this pop up:</i>	6
	3.5 <i>Once the unit has rebooted you will see the following page where is presented Firmware upgrade and system maintenance options with backup for example. For upgrade press button “Upgrade”</i>	7
	3.6 <i>On the next page follow these instructions</i>	7
	3.7 <i>After you press “Upgrade”, the screen will look like a picture below and on corner will be presented percent’s of uploaded FW file</i>	8
	3.8 <i>During the process you will see the following messages:</i>	8
	3.9 <i>The unit will then reboot. The process is complete when the LED’s are back to their “normal” status. Then press button “refresh”</i>	8
4	Restore all setting from Backup file	9
	4.1 <i>Open the Setting tab and follow the steps</i>	9

1 Warning

- Firmware upgrade take an approximately 20 – 30 minutes.
- Use a power supply on Notebooks or Laptops.
- For Upgrade is recommended to use crossover LAN for straight connection.

2 Back Up

If you are already using RAMOS Ultra, the Backup part of manual will show how to save all setting parameters step by step.

2.1 Get on setting tab

Location: System Location

Current System Time: 21/01/2000 18:57:52

Host Name	Type	Sensor Name	Reading	Status
Main Module	Virtual Sensors	Temperature on RAMOS Mini	23.5 °C	Normal
	Temperature Array	Temperature Array Port 2.1	24.5 °C	Normal
	Temperature Array	Temperature Array Port 2.2	24.5 °C	Normal
	Temperature Array	Temperature Array Port 2.3	24.5 °C	Normal
	Temperature	Temperature Port 4	24.5 °C	Normal
RAMOS ULTRA-EX 0A000858	Dry contact I/O	Dry contact I/O Port 3	-	Critical
	4-20 mAmp	4-20 mAmp Port 1	0.1 kPa	Normal
	Module	RAMOS ULTRA-EX 0A000858	-	Critical

Sensors status will be reloaded in 05 secs

System Log (0 messages)

Requesting data...

Select Settings tab

2.2 Follow the 3 steps

Location: System Location

Current System Time: 21/01/2000 19:45:17

System Maintenance

1) Click on „System Administrator“

2) Click on „System Maintenance“

3) Click on „Backup“

Clear Syslog

Clear RRD datalog

Restore Original Settings Keep present network setting

Clear All User Data and Restore Original Settings Keep present network setting

Backup All Settings To Backup File

Select File

Restore Keep present network setting

product@conteg.com

Send Configuration To Support [Click here to setup SMTP Server](#)

System Firmware Upgrade

System Firmware

This page allows you perform all system maintenance of cleaning logs, backing up and restoring settings. You can also send a configuration file directly from this page and check and apply for latest firmware updates.

Backup button will save all settings in download folder like a “backup.cfg” and backup is done.

3 FW Upgrade

Ensure you are running the latest firmware. You will also need to download the latest firmware from our website www.conteg.com.

This tutorial provides you the information needed to upgrade the firmware.

To get to the starting point of this tutorial:

- Log in as administrator
- Click on the settings tab

3.1 Get on the Setting tab

The screenshot shows the CONTEG RAMOS ULTRA web interface. The 'Settings' tab is highlighted with a red box and a red arrow pointing to it with the text 'Select Settings tab'. The interface includes a navigation menu on the left with options like Summary, Map, Sensors, Notification, Access Control, Settings, Applications, and Help. The main content area displays 'Sensor Information' with a table of sensors and their readings.

Host Name	Type	Sensor Name	Reading	Status
Main Module	Virtual Sensors	Temperature on RAMOS Mini	23.5 °C	Normal
	Temperature Array	Temperature Array Port 2.1	24.5 °C	Normal
	Temperature Array	Temperature Array Port 2.2	24.5 °C	Normal
	Temperature Array	Temperature Array Port 2.3	24.5 °C	Normal
	Temperature	Temperature Port 4	24.5 °C	Normal
	Dry contact I/O	Dry contact I/O Port 3	-	Critical
RAMOS ULTRA-EX 0A000858	4-20 mAmp	4-20 mAmp Port 1	0.1 kPa	Normal
	Module	RAMOS ULTRA-EX 0A000858	-	Critical

3.2 Firmware version

Actual version of firmware is on “General” Setup.

The screenshot shows the 'General' setup page in the CONTEG RAMOS ULTRA web interface. The 'General' tab is selected in the left navigation menu. The 'System Description' field is highlighted with a red box and a red arrow pointing to it with the text 'Version of Firmware: Device name, version and release date of FW'. The 'General' Setup page includes fields for System Name, System Location, System Contact, and various system configuration options like Sensor Notification On System Boot Up, Graph Data Collection Period, Display Logo, and Language.

“General” Setup

**Version of Firmware:
Device name, version and release date of FW**

3.3 Follow the 3 steps

Location: System Location Current System Time: 21/01/2000 19:45:17

Summary | Map | Sensors | Notification | Access Control | Settings | Applications | Help

System Maintenance

Setup

- Clear Syslog
- Clear RRD datalog
- Restore Original Settings Keep present network setting
- Clear All User Data and Restore Original Settings Keep present network setting
- Backup All Settings To Backup File
- Restore All Settings From Backup File Keep present network setting
- Send Configuration To Support [Click here to setup SMTP Server](#)

System Firmware Upgrade

System Firmware

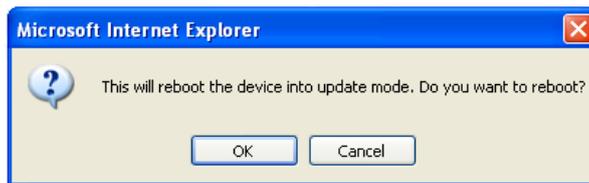
1) Click on „System Administrator“

2) Click on „System Maintenance“

3) Click on „Upgrade“

This page allows you perform all system maintenance of cleaning logs, backing up and restoring settings. You can also send a configuration file directly from this page and check and apply for latest firmware updates.

3.4 You will then be presented with this pop up:



Click OK. The unit will then reboot in safe mode. After reboot you will be redirected to the safe mode web interface. This can take some time, so please be patient. The page will display the following message while rebooting.

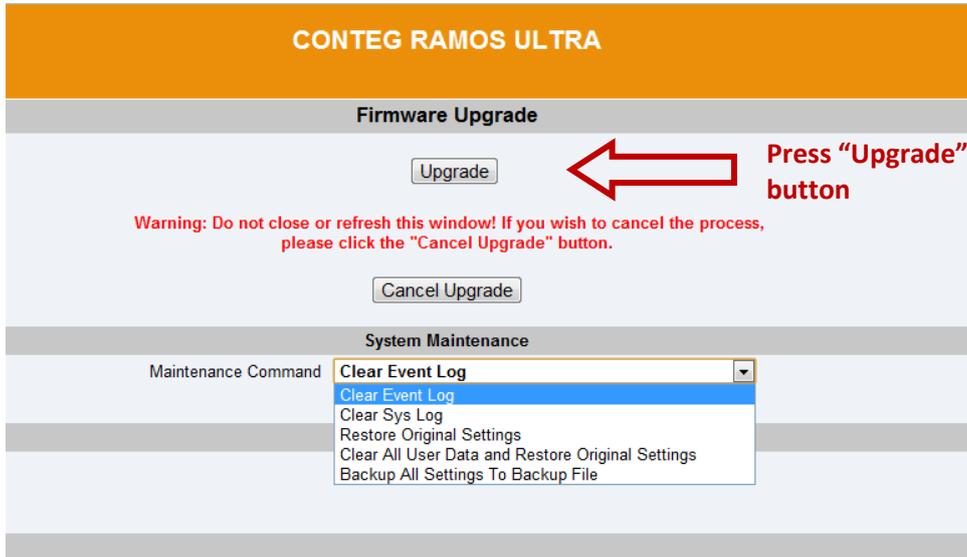
Location: System Location Current System Time: 02/07/2012 09:48:30

Summary | Map | Sensors | Notification | Access Control | Settings | Applications | Help

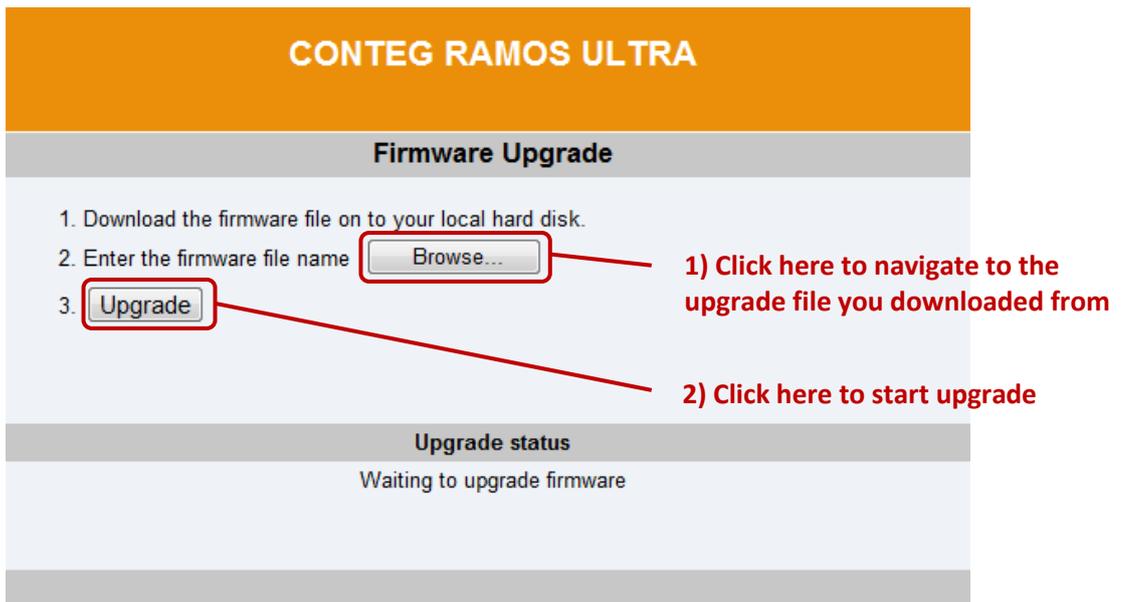
Firmware Upgrade

Rebooting...

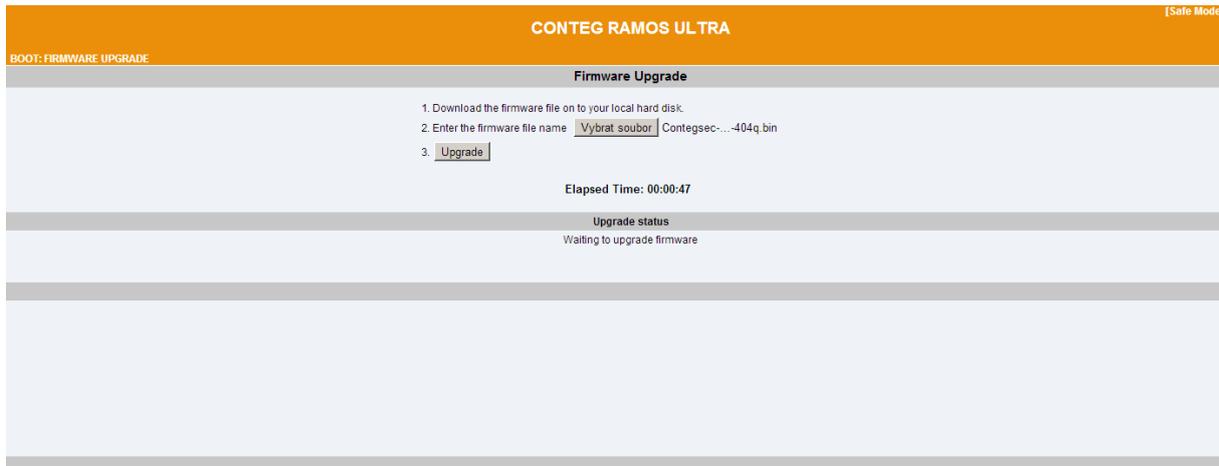
3.5 Once the unit has rebooted you will see the following page where is presented Firmware upgrade and system maintenance options with backup for example. For upgrade press button “Upgrade”.



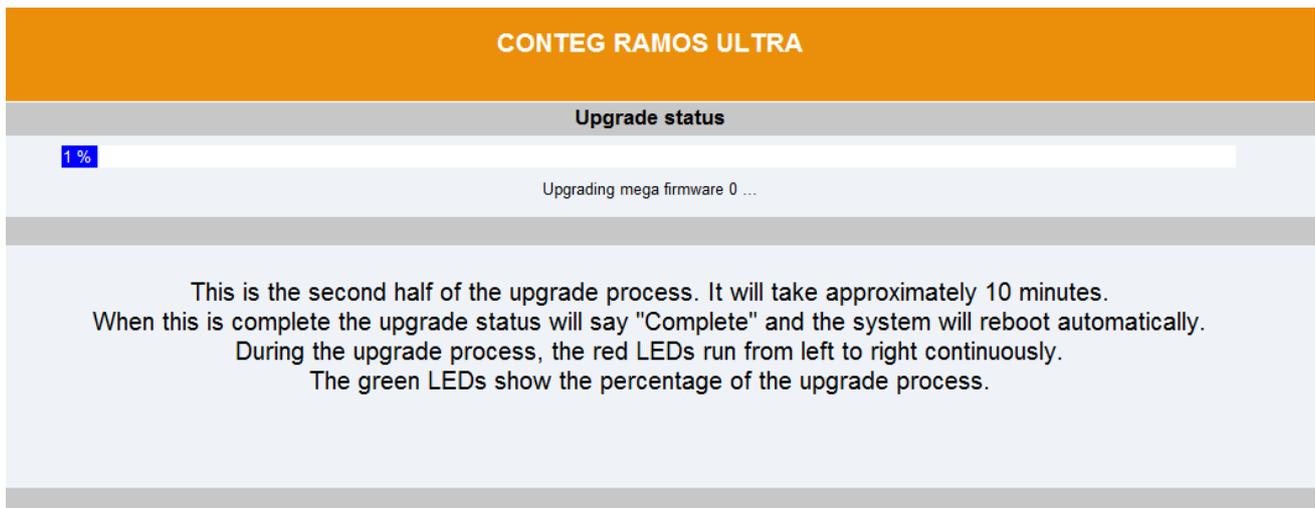
3.6 On the next page follow these instructions.



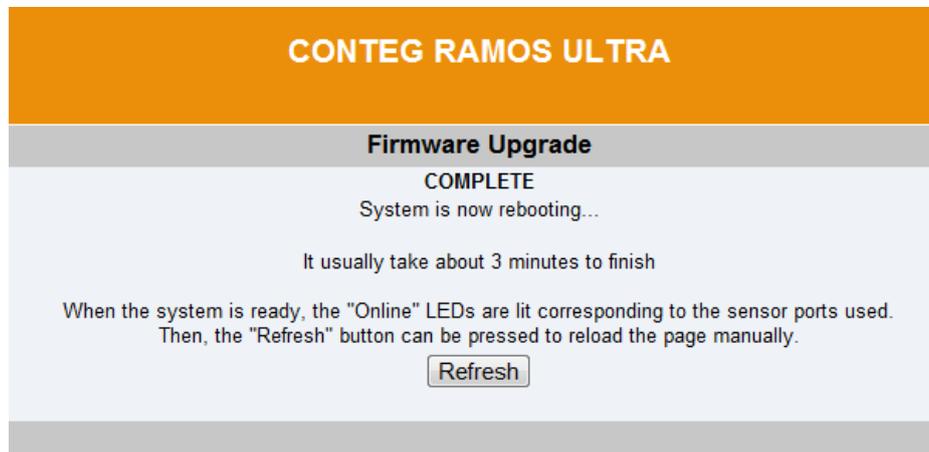
3.7 After you press “Upgrade”, the screen will look like a picture below and on corner will be presented percent’s of uploaded FW file.



3.8 During the process you will see the following messages:



3.9 The unit will then reboot. The process is complete when the LED’s are back to their “normal” status. Then press button “refresh”



4 Restore all setting from Backup file

4.1 Open the Setting tab and follow the steps

If the device working with new network setting on saved backup file and is requested keep the presented network mark following window before you start with restore.

Keep present network setting

The screenshot shows the CONTEG RAMOS ULTRA web interface. The top navigation bar includes tabs for Summary, Map, Sensors, Notification, Access Control, Settings (highlighted with a red box and labeled "Select Settings tab"), Applications, and Help. The main content area is titled "System Maintenance" and contains several sections: Setup, General, Connectivity, Server Integration, System Administrator, Password Checking, User & Group Management, System Maintenance (highlighted with a red box and labeled "2) Click on „System Maintenance“"), Services and Security, System Log, Heartbeat Messages, Cloud Monitoring, and Help. The System Maintenance section includes options for Clear Syslog, Clear RRD datalog, Restore Original Settings, Clear All User Data and Restore Original Settings, Backup All Settings To Backup File, and Restore All Settings From Backup File. The Restore All Settings From Backup File section has a "Select File" button (highlighted with a red box and labeled "3) Select the File") and a "Restore" button (highlighted with a red box and labeled "4) Press „Restore“ button"). There are also checkboxes for "Keep present network setting" and a "Send Configuration To Support" section with a "Send" button and a "Click here to setup SMTP Server" link. The bottom left corner contains a help message: "This page allows you perform all system maintenance of cleaning logs, backing up and restoring settings. You can also send a configuration file directly from this page and check and apply for latest firmware updates."