



# UTMC OTU/MOVA Firmware Release

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Gemini2 UTMC OTU/MOVA Firmware Release Notification

**Product:** *Gemini2*

**Modifications Req:** *No*

**Retrospective Action Req :** *No*

**Priority of Change:** *Information only*

- ✓ Introduction
- ✓ Scope
- ✓ Procedure
- ✓ Related documents

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**Introduction**

This Bulletin describes the UTMC OTU/MOVA firmware packages with web interface and remote handset, which are now available to download for the Gemini-2 platform

**NOTE :** Unlike the TC12 system, UTMC solutions enable many different communication options, but consequently can be significantly more complex to Engineer and quote. For this reason the sale of UTMC OTUs and related equipment is, for the time being, restricted to the Product Sales Team in Poole. See the UTMC OTU sales release for more information.

**Scope**

The latest UTMC OTU/MOVA (16MB RAM) Firmware 32370 Iss2.0 and UTMC OTU (4MB RAM) Firmware 32369 Iss2.0 are now both available for download from the Siemens website.

## Procedure

The UTM C OTU Firmware packages can be used to program Gemini-2 units using the Gemini-UTMC-OTU-MOVA Upgrade tool. This download is located under the Product Applications section on the following Siemens webpage:

[www.siemens.co.uk/traffic/en/index/downloads.htm](http://www.siemens.co.uk/traffic/en/index/downloads.htm)

Use the link below to initiate the download directly:-

### UTMC OTU/MOVA Firmware Update Tool

1. Download the zip file to your PC.
2. Right-click the zip file and choose " **Extract to here** "
3. Enter the new directory " **Gemini-UTMC-OTU-MOVA** "
4. Double-click on " **GeminiUpgrade.exe** "
5. Follow the on-screen instructions
6. When the file selection window appears, navigate to the " **Gemini-UTMC-OTU-MOVA\UTMC OTU Packages** " directory and select either **FS8\_REL\_32370\_02\_00.jffs2** or **FS4\_REL\_32369\_02\_00.jffs2**
7. Once programming is complete, the GeminiConnect tool can be used to configure the PC to communicate with the outstation via the web interface. See download directory " **Gemini-UTMC-OTU-MOVA\GeminiConnectSetup** ".
8. See handbook [667/HB/31601/000](#) for commissioning details.

#### FS8\_REL\_32370\_02\_00.jffs2 - Gemini 2 (16MB RAM) firmware package:

This release was developed for the Gemini 2 platform fitted with 16MB SD RAM i.e. CPU card 667/1/26608/999 issue 9 or later. It WILL NOT OPERATE on CPU cards issue 8 or below (not on the Gemini 1 platform).

Release: **32370 Iss2.0**

- first production release of UTM C OTU/MOVA

The UTM C OTU/MOVA release has the following features:-

- Simple UTC MIB v0.2, also known as UTC type 1
- Full UTC MIB v1.0, also known as UTC type 2 or UG405
- Freestanding and semi-integral versions
- MOVA 6, up to 4 streams
- Web interface
- Remote handset to connected controller.
- Remote software upgrade
- Automatic backup of OTU configuration to OSS

Plus the following extra features when used with ST700/750/800/900 family controllers:-

- Upload/download of controller data
- Upload of IC4 file
- Web display of controller historic log
- SCOOT detectors can be connected via the controller
- Network interface via Ethernet or lease line modem

The UTM C OTU supports the semi-integral interface to ST700/750/800/900 family controllers running compatible firmware as follows:-

| Controller Firmware | Compatible Versions |
|---------------------|---------------------|
| PB800               | 24 or later         |
| PB801               | all                 |

#### FS4\_REL\_32369\_02\_00.jffs2 - Gemini 2 (4MB RAM) restricted firmware package:

This release was developed for the Gemini 2 platform fitted with 4MB RAM i.e. CPU card 667/1/26608/999 issue 8 or below. It WILL NOT OPERATE on the Gemini 1 platform.

Release: **32369 Iss2.0**

- restricted release of UTM C OTU for the 4MB RAM CPU cards
- upgrade of the CPU card & use of firmware 32370 should be considered if possible
- this version does not support MOVA or UTC type 2 (full UTC UG405) and has a smaller system log

## Related documents

The following Product Handbooks are also now available and provide detailed information on both performance and installation of the UTM C OTU.

[667/HB/31601/000](#) – UTM C OTU/MOVA Handbook  
[667/HB/31760/000](#) – GVP Reference Handbook  
[667/HB/31760/100](#) – Outstation Support Server Handbook

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