



Software

R2.7.0.1 Release Notes

Release Notes

May 2021



To the Holder of this Document

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ADTRAN Technical Support Community

For information on installing and configuring ADTRAN products, visit the ADTRAN Support Community, <https://supportcommunity.adtran.com>.



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1. Introduction

ADTRAN Software R2.7.01.1 is the first general release of code for the 814-v6, 822v, and 822-v6 Home Gateway Units.

Results obtained during internal testing have been evaluated and the code has been determined to be ready for general availability. Caveats discovered during testing but not addressed in this build are listed in “[Errata](#)” on page 3.

Configuration guides, data sheets, and other documentation can be found on ADTRAN's Support Forum, <https://supportforums.adtran.com>.

2. Supported Platforms

The following platforms are supported in CPE software release 2.7.0.1:

- 814-v6 Home Gateway Unit
- SDX 822v GS-PON RG ONT
- 825-v6 Home Gateway Unit

3. Features and Enhancements

The following new features are included in the 2.7.0.1 release:

- OMCI
 - ◆ Up to 16 EVCs (at L2) with accompanying WAN services (at L3)
 - ◆ Firmware update over OMCI
- Ethernet WAN support
 - ◆ **814-v6:** LAN 4 (Ethernet port closest to power input) can be configured for WAN port. The port is configured for LAN by default.
 - ◆ **825-v6:** The 2.5GbE port can be configured for WAN port. The port is configured for LAN by default.
 - ◆ Up to 16 L2 interfaces with accompanying WAN services (at L3)
- Standard NAT Router
 - ◆ PPPoE with adjustable MTU
 - ◆ DHCPv4
 - ◆ Dual-stack IPv4/IPv6
 - DHCPv6
 - SLAAC
 - ◆ Wi-Fi 6
 - Access Point Mode
 - WPA2/WPA3-PSK Security
 - WPS (Wi-Fi protected Setup) Pushbutton Connect (PBC)
- VoIP
 - ◆ SIP User Agent
 - ◆ Standard CLASS Features

- IPTV
 - ◆ Bridged (Minerva)
 - ◆ Routed (Minerva & Media Room)

4. Errata

The following features are planned but are not included in the 2.7.0.1 release:

- All models
 - ◆ No support for AES for OMCI communication
 - ◆ No support for Active Ethernet WAN
 - ◆ No support for Network Performance Testing (NPT)
 - ◆ No support for Captive Portal (IPv6)
 - ◆ No support for Advanced DMZ
 - ◆ No support for MGCP VoIP
 - ◆ No support for T.30 FAX transfer
 - ◆ Please work with your Sales Engineer to ensure your ACS is updated with latest drivers.
- 814-v6 & 825-v6
 - ◆ No support for OpenSync, Adaptive Wi-Fi
 - ◆ No support for EasyMesh Wi-Fi
 - ◆ No support for Wi-Fi Insight Multi-Language support
 - ◆ Channels 12 and 13 are currently not available on the 2.4Ghz WiFi radio for Australia and New Zealand regions.
- 825-v6
 - ◆ Limited interop with 2.5G Ethernet devices on the 825-v6. Please work with your Sales Engineer.

5. System Notes

Software Revision Summary

The software revision summary table below lists the driver and bootloader versions utilized with R2.7.0.1.

SW Revision	CFE Bootloader	Wireless Driver Version	Date
2.6.2.6	1.0.38-163.243	17.10.121.37	05/20/2021

6. Upgrade Instructions

For detailed information about migrating gateway firmware through multiple releases, see the Migration Best Path documents for your gateway model available from the [ADTRAN Support Community](#).

Prior FW Releases

This is the first firmware release for this product.

Upgrade Firmware

1. Open a web browser, connect to 192.168.1.1/admin, and login with username admin and the password assigned to your device.
2. Click **Management > Update Software** and click the **Browse** button.
3. Locate and select the appropriate firmware image.
4. Click the **Update Software Button**. The image will be uploaded to the device and the device will automatically reboot upon completion.

Verify Version

1. After the device has completed rebooting, press the **F5** Key to refresh your browser and reconnect to 192.168.1.1/admin to log back into the device. The Device Info > Summary page appears.
2. Verify the version information in the **Software Version** field.

Restore Defaults

1. In the left menu, click **Management**.
1. Click **Settings > Restore Default**.
2. Follow the instructions on the page.

Custom Defaults

The Custom Defaults feature allows the importation of a set of defaults to the gateway that will be restored when the Restore Default Settings operation is activated. This set of defaults can be defined and updated via the GUI, CLI or CWMP support of the gateway.

To create a set of Custom Default settings:

1. Configure the gateway as required.
2. On the Backup page, select the **Backup Running Configuration** button to upload a configuration file from the gateway.
3. After the file is uploaded, go to the Update Software page, select the file, and select the **Update Working Settings** button to download the file to the gateway. The gateway will use the downloaded settings as the custom default whenever the Restore Default Settings operation is invoked.

7. Technical Support

CPE Issues

For this Release, please contact [ADTRAN Support](#) or your ADTRAN Sales Engineer for any issues encountered during operation.

RMAs

Open a Support ticket with description “RMA” and attach the RMA Device spreadsheet which includes Model, MAC address, Issue, and Firmware version. You can find the spreadsheet in the ADTRAN Support Community on the RMA instructions page.

Firmware

Please contact your ADTRAN Sales Engineer to obtain this firmware.

8. Warranty and Contact Information

Warranty

Warranty information can be found online at: www.adtran.com/warranty.

Contact Information

For customer support inquiries, please contact [ADTRAN Support](#):

Contact	Support	Contact Information
Customer Care	From within the U.S. From outside the U.S. Technical Support: ■ Web: Training: ■ Email: ■ Web:	1.888.4ADTRAN (1.888.423.8726) + 1.256.963.8716 www.adtran.com/support training@adtran.com www.adtran.com/training www.adtranuniversity.com
Sales	Pricing and Availability	1.800.827.0807