



## To the Holder of this Document

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## 1. Introduction

The PlumeOS 5.6.2.0 firmware release for Adtran's Service Delivery Gateway (SDG) products is a major system release that introduces new features and addresses customer issues uncovered in previous code releases.

The release is generally available code. 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 6](#).

Configuration guides, white papers, data sheets, and other documentation can be found on Adtran's Support Community, <https://supportcommunity.adtran.com>. The contents of these release notes will focus on the platforms listed in [Supported Platforms on page 4](#).

## 2. Supported Platforms

[Table 1](#) lists the platforms that are supported in Adtran's SDG 5.6.2.0 PlumeOS release.

**Table 1. Supported Platforms**

Platform
8612, 8614



### NOTE

*Mosaic Device Manager (MDM) customers must ensure that ACS instances are updated with the latest drivers.*

## 3. System Notes

The following are important notes about the PlumeOS 5.6.2.0 release:

- All PlumeOS devices running DHCP code are supported on the PlumeOS Auto Update server.
- For any devices being managed on the PlumeOS Auto Update Server, they will be updated to PlumeOS 5.6.2.0 in the upcoming weeks (refer to the [PlumeOS Auto Update Feature](#) article for more information). For upgrade notifications, subscribe to the [PlumeOS Auto-Update Software Notifications](#) board in the [Adtran Support Community](#).
- If a device running PlumeOS is unable to connect to the cloud for more than 10 consecutive minutes, it will reboot due to an OpenSync Health Check (as do other OpenSync devices).

## SFP Support in PlumeOS 5.6.2.0

### SDG SFP Support

The 610 (P/N 1442535F3), 630 (P/N 1287940F1), BiDi (P/N 1442110G1 & G2) and BiDi (P/N 1442412F1 & F2) SFPs are supported with the PlumeOS 5.6.2.0 release. However, there are performance limitations associated with this support which are outlined below:



#### NOTE

*Only Adtran SFPs are supported on SDG devices at this time.*

- The SDX 610 (P/N 1442535F2) is not supported.
- When using a 630 SFP, ensure the firmware is at MXL-24\_1-1 or later.
- In some cases, with the SDX 610 GPON SFU ONT, upstream throughput may be limited to a less than expected rate. If the GPON upstream shaper is set between 300 to 1000 Mbps, upstream throughput may be limited to 200 to 300 Mbps in worst case scenarios. This condition can be avoided by setting the GPON upstream shaper to greater than or equal to 1000 Mbps.
- The SDG SFP interface is not hot-swappable so the unit must be powered off prior to installing an SFP module.

## 4. Features and Enhancements

### Features and Enhancements in 5.6.2.0

This section highlights features and enhancements included in the PlumeOS 5.6.1.0 release.

- Added support for 8614 Hardware with 5.6 OpenSync and SFP support

### Previous Feature and Enhancements

#### Features and Enhancements in 5.6.1.0

- Added support for 8612 Hardware with 5.6 OpenSync

## 5. Fixes

### Fixes in 5.6.2.0

- SDG-2440 Addressed issue causing FSM crashes in the Reboot Time Machine in Frontline

### Previous Build Fixes

#### Fixes in 5.6.1.0

- New Product

## 6. Errata

- SDG-1577 The 8612 and 8614 do not support 160Mhz bandwidths on the 5GHz radio
- SDG-1907 onboard using advanced Bluetooth may or may not work with an Android phone via the Homepass [or Workpass App](#) (Issue is present with PlumePods as well)

## 7. Upgrade Instructions

Upgrading Adtran’s SDG products to the latest version of software is outlined in the following sections.

### Step 1: Upgrading Firmware

PlumeOS software must be managed via TR-69 upgrades. For information on performing the upgrade via Mosaic Device Manager (MDM), refer to the [Updating Firmware](#) article included in the MDM online help for specific instructions.

PlumeOS can be upgraded via ACS, but is also included by default in the PlumeOS Auto Update Service and will be periodically updated. Refer to the [PlumeOS Auto Update Feature for 841-t6](#) article in the [Adtran Support Community](#) for more information. To receive upgrade notifications, subscribe to the [PlumeOS 841-t6 Auto-Update Software Notifications](#) board, also in the [Adtran Support Community](#).

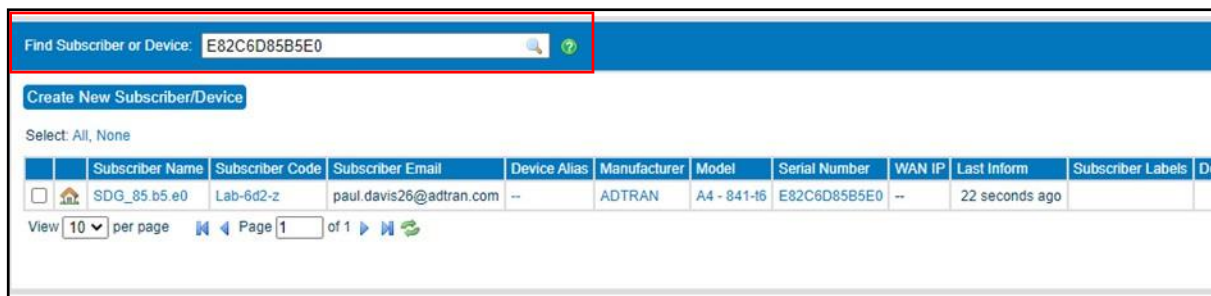
### Step 2: Verifying the Version

SDG software versions can be verified either via the ACS or by using the Plume Frontline tool. Instructions for both methods are provided in this section.

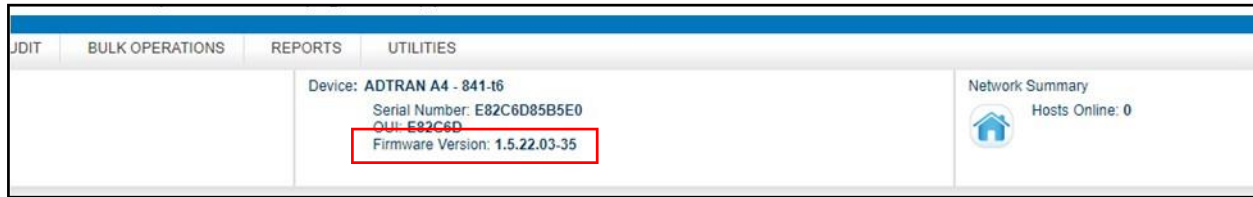
#### Verifying Software Version Using the ACS

To verify the SDG software version using the ACS, follow these steps:

1. Log into the ACS URL (<https://<customer instance name>.smartrg.com>), using your specific customer instance name and your login credentials.
2. Enter the device serial number (or subscriber associated with the device) into the **Find Subscriber or Device** search bar and select the magnifying glass to execute the search.



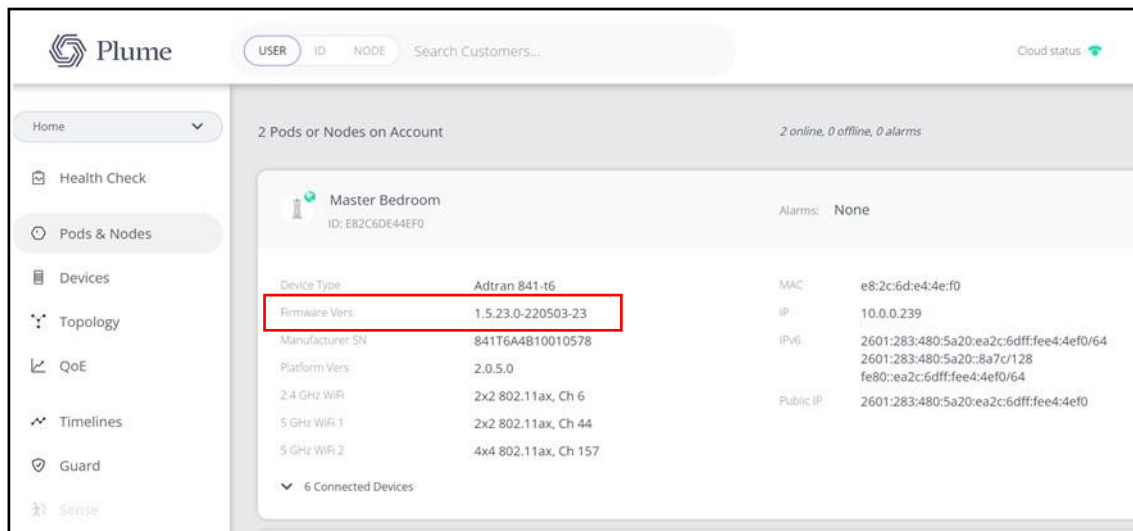
- Once the device is located, select the device link to open the **Device** page. The **Firmware Version** is displayed in the middle of the menu.



## Verifying Software Version Using Plume Frontline

To verify the SDG software version using Plume Frontline, follow these steps:

- Access the Frontline tool by entering the following address in your browser <https://portal.plume.com/home>, and then log in using your login credentials.
- Navigate to the **Applications** menu, and select **Frontline Tier 1**. In the resulting search bar, enter your Plume account or node ID (for example, **device@customer.com**).
- Once the account page is displayed, select **Pods and Nodes** from the menu on the left.
- In the **Pods and Nodes** menu, locate your specific pod and you can view your **Firmware Vers** directly under the **Device Type** (as shown in the image below).



## 8. Restoring the Factory Defaults

To restore the factory default settings to your device, press and hold the **Reset** button on the device for **30 seconds**. Do not hold the button for longer than **55 seconds**, as that will cause the device to roll back to the last bootable firmware version.

A factory reset can also be performed from the Admin CLI with the command **factory-reset**, or it can be sent from the ACS via TR-069.

## 9. Warranty and Contact Information

Warranty information can be found online by visiting [www.adtran.com/en/about-us/legal](http://www.adtran.com/en/about-us/legal).

To contact Adtran, choose one of the following methods:

Department	Contact Information	
<b>Customer Care</b>	From within the U.S.:	(888) 4ADTRAN ((888)-423-8726)
	From outside the U.S.:	+1 (256) 963-8716
<b>Technical Support</b>	Support Community:	<a href="http://www.supportcommunity.adtran.com">www.supportcommunity.adtran.com</a>
	Product Support:	<a href="http://www.adtran.com/en/about-us/support">www.adtran.com/en/about-us/support</a>
<b>Training</b>	Email:	<a href="mailto:training@adtran.com">training@adtran.com</a>
	Adtran University:	<a href="http://www.adtran.com/en/products-and-services/services/training">www.adtran.com/en/products-and-services/services/training</a>
<b>Sales</b>	For pricing and availability:	1 (800) 827-0807