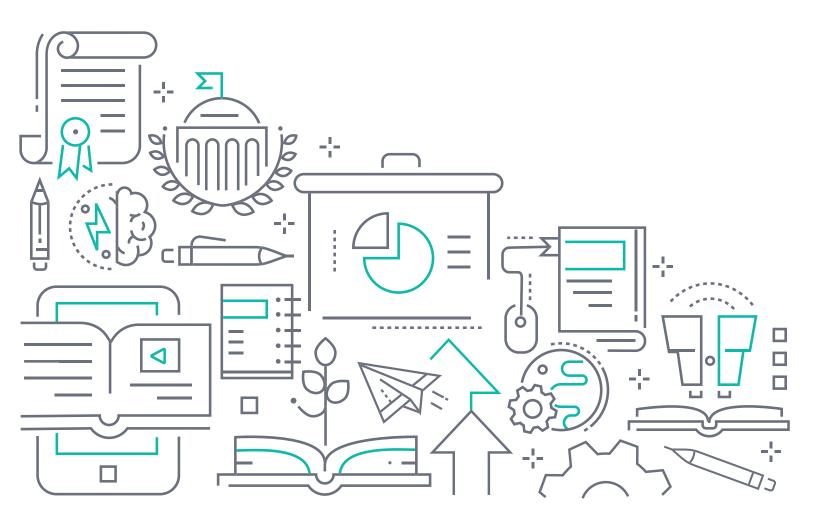# Adtran

# SDG SmartOS

# 12.0.2.1 Release Notes

## Release Notes

# To the Holder of this Document

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# Table of Contents

# 1. Introduction

The SmartOS 12.0.2.1 software release for Adtran's Service Delivery Gateway (SDG) products is a major system release that 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 5*.

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 SDG platforms that are supported in Adtran's SmartOS 12.0.2.1 release.

**Table 1. Supported SDG Platforms**

| Platform |
| --- |
| 834-5 |
| 834-v6 |
| 841-t6 |
| 854-6 |
| 854-v6 |

Table 2 lists the voice soft switches supported in the SmartOS 12.0.2.1 release.

**Table 2. Supported Voice Soft Switches**

| Soft Switch |
| --- |
| Allianza |
| Metaswitch |
| Voiceflex |

> **NOTE**
>
> *Voiceflex is supported with the following limitations:*
>
> - *Voiceflex occasionally generates registration response with **0** binding (no Contact header/expiry information).*
> - *NAT with randomized port mapping causes Voiceflex registration response to have multiple bindings (multiple Contact headers).*
> - *No packets are received from Voiceflex when the SDG generates comfort noise packets only. Silence suppression needs to be disabled when using Voiceflex.*
> - *SIP INVITE messages from Voiceflex may come too soon after MWI NOTIFY messages, causing a "no ring" issue.*

# 3. Features and Enhancements

## Features and Enhancements in 12.0.2.1

No new features were included in the 12.0.2.1 release.

# 4. Fixes

## Fixes in 12.0.2.1

This section highlights major bug fixes in the 12.0.2.1 release.

- OWRT-6805    Fixed an issue in which the 2.4 GHz radio on the 834-5 SDG would momentarily stop transmitting data.

- OWRT-7549    Fixed an issue in which Cisco AnyConnect VPN could not be established through a SmartOS SDG.

- OWRT-7964    Fixed an issue in which users behind the SmartOS SDG would intermittently be unable to access certain websites or data locations.

- OWRT-7979    Fixed an issue in which, in some cases, Universal Plug-n-Play was not opening up ports properly.

- OWRT-8093    Fixed an issue in which, in some cases, an 841-t6 or 854-(v)6 would fail to negotiate the port speed properly and would stop accepting packets after a reboot.

- OWRT-8157    Fixed an issue in which, in some cases, SDG devices would ignore DHCP offers and not receive an IP address.

# 5. Errata

The following is a list of known issues that still exist in the 12.0.2.1 release.

- OWRT-7404    Cannot create an IPv6 firewall rule in the GUI with a subnet designation higher than /32.

- OWRT-7578    A device cannot be upgraded on first contact via ACS. **Workaround:** Reboot the unit and then run the upgrade and it will be successful.

- OWRT-7718    Intellifi Satellite will check into an ACS prior to switching to **Satellite** mode, causing there to be an entry in the ACS though the unit will not continue to inform via TR-69.

- OWRT-7962    TR-143 Speed Test Diagnostics do not function properly when the management and data interface are separate PPPoE VLANs.

- OWRT-8004    PPPoEv6 does not function properly. **Workaround:** Roll back to 11.1.6.1

- OWRT-8014    SmartOS Intellifi Mesh satellites will show up as wired clients in SHA even though they are connected wirelessly.

- OWRT-8136    Call transfers with Broadsoft are intermittently failing.

- OWRT-8183    The DDNS service can hang, causing it to fail to operate and an inability to create firewall rules.

# 6. Upgrade Instructions

Upgrading Adtran SDG products to the latest version of firmware is outlined in the following sections.

## Step 1: Upgrading Firmware

1. Open a web browser, connect to **192.168.1.1/admin**, and login with the username **admin**, and the password assigned to your device.
2. Select **Admin** > **Update**, and then select the **Browse** button to locate the appropriate firmware image.
3. Once the appropriate firmware image has been located, select **Update Software** to begin the upgrade. The image will be uploaded to the device and the device will automatically reboot upon completion.

## Step 2: Verifying the Version

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

# 7. Defaulting the Device

## Restoring Factory Default Settings

To restore the factory defaults to the gateway, follow these steps:

1. Navigate to **Admin > Configuration** in the GUI menu on the left, and select the **Factory Default** tab.
2. Select the **Factory Reset** button and confirm the changes.

# 8. Warranty and Contact Information

Warranty information can be found online by visiting [www.adtran.com/warranty-terms](www.adtran.com/warranty-terms).

To contact Adtran, choose one of the following methods:

| Department | Contact Information | |
|---|---|---|
| **Customer Care** | From within the U.S.: | (888) 4ADTRAN ((888)-423-8726) |
| | From outside the U.S.: | +1 (256) 963-8716 |
| **Technical Support** | Support Community: | [www.supportcommunity.adtran.com](www.supportcommunity.adtran.com) |
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