



RELEASE NOTES

ADTRAN IP 700 Series Phones
Firmware version 2.4.1
April 10, 2013

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Introduction

Firmware version 2.4.1 is a maintenance release that addresses customer issues that were uncovered in previous code releases.

This release is generally available code, meaning that it has been subjected to both design verification and product qualification testing. Results obtained during this 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*.

A list of new or updated documents for this release appears in *Documentation Updates on page 6*.

Configuration guides, white papers, data sheets, and other documentation can be found on ADTRAN's Support Forum, <https://supportforums.adtran.com>. The contents of these release notes will focus on the platforms listed below.

Supported Platforms

- ADTRAN IP 712
- ADTRAN IP 706

Important Notices

This section explains important notices about Firmware version 2.4.1.

- This release is not approved for use with NetVanta ECS in Disaster Recovery Applications.
- Phones being upgraded from 1.3.x must first be upgraded to version 1.3.16 (available on ADTRAN's website at <http://www.adtran.com>) before proceeding with upgrading to 2.4.1.

System Notes

This section explains notes regarding the IP 700 Series phones.

- The phone does not use unique session IDs in SDP as required by RFC 4566.
- Joining two active calls on a phone using the **Conference** key is not supported with firmware R2.x.
- The IP 700 Series phones do not support status group names with non-alphanumeric characters.
- A phone label over 24 characters long or a display name over 15 characters long can overflow characters in the SIP From, To, and Contact headers in SIP messages.
- When a call is sent to the phone via an unattended transfer, the initial call from the transferring party is canceled once the transfer completes. This results in a missed call reported on the phone. This is expected behavior.

Features and Enhancements

There have been no major features, enhancements, or behavioral changes for Firmware version 2.4.1.

Fixes

This section highlights major bug fixes in Firmware version 2.4.1.

- Could not park a call with a status group BLF key after it had been returned by call park return 3 times.
- Intermittently, calls placed on public hold on a SCA/SLA line by one phone could not be retrieved by other phones.
- When no dial plan was configured, the phone would not use a blank dial plan.
- If syslog was enabled for debugging and a REFER was received from NetVanta ECS, the subsequent INVITE was not sent.
- Intermittently, calls received on a SLA/SCA line could not be answered.
- In cases where a blind transfer failed or was cancelled, the ADTRAN Phone was not able to transfer the current call.
- Intermittently, incoming calls on an idle SLA/SCA line were rejected by the phone.
- When a SLA call was retrieved from public hold, the line key label changed to the registration user for that line.
- Intermittently, SLA/SCA line keys incorrectly showed a busy status.
- If the phone received a 302 Moved Temporarily response requiring a change of destination of an outbound call, the line key label displayed Unknown instead of the new destination.
- When an apostrophe was present in a field (such as Bob's, Doctor's, etc.), the Personal Directory contents were truncated following the apostrophe.

Errata

The following is a list of errata that still exist in Firmware version 2.4.1.

- During heavy call volume, a call inbound to a ring group answered by an IP 700 Series phone may have no audio for a period of 5 to 45 seconds.
- Intermittently, an IP 700 Series phone may be unable to seize a line until rebooted.
- When a call is answered, a second incoming call is ignored, then the first call is put on hold to answer a third subsequent call. The line key for the first call does not show the on hold icon.
- After ignoring two subsequent incoming calls and answering the third, the softkeys displayed are Dial, Redial, Pickup, and More. Softkeys while on an active call should display Hold, Park, and Endcall.

- If a call is active and a subsequent call is sent to voicemail, the Endcall soft key will no longer be available. Users can use the Goodbye hard key to end the current call. Subsequent calls will display the Endcall soft key as expected.
- If ending a call when another call is incoming, the phone rings at maximum ringer volume.
- When dialing an extension by pressing the Status Group BLF key for that extension, the call is not recorded in the Placed Calls list.
- When receiving a call, if the phone rings for 60 seconds, it will send a **486 Busy Here** message back to the SIP server.

Upgrade Instructions

Upgrading ADTRAN IP 700 Series phones to the latest version of firmware is explained in detail in the configuration guide [Upgrading IP 700 Series Phones Firmware](https://supportforums.adtran.com), available at <https://supportforums.adtran.com>. Firmware upgrades are available on the [Support/Software Downloads](http://www.adtran.com) section of ADTRAN's website at <http://www.adtran.com>.

Documentation Updates

The following documents were updated or newly released for Firmware version 2.4.1 specifically for the ADTRAN IP 700 Series phones.

- There were no updated or newly released documents for version 2.4.1.