# RELEASE NOTES

ADTRAN IP 700 Series Phones
Firmware version 2.3.0
October 5, 2012

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# Introduction

Firmware version 2.3.0 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 Knowledge Base, http://kb.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 2.3.0.

• 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 2.3.0.

## System Notes

This section explains notes regarding the IP 700 Series phones.

• Joining two active calls on a phone using the **Conference** key is currently not supported.

• 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 2.3.0.

## Fixes

This section highlights major bug fixes in Firmware version 2.3.0.

- The  phone would not use the VLAN ID setting from DHCP option 157 when using Window Server 2008 as the DHCP server.

- The phone would decline a DHCP offer from a Windows DHCP server if the option 157 string was too long.

- Attempting to pick up an SLA call from public hold resulted in a fast busy tone rather than retrieving the call from hold.

- The IP 700 Series phones would not send DTMF in an early media situation when establishing the second leg of a three-way conference call.

- An SLA call retrieved from public hold could not be transferred.

- After transferring a call from an SLA, the line on the phone that performed the transfer no longer appeared busy. An attempt to seize that line while it was still busy resulted in dead air.

- Ringback tone was not heard when placing a call from the NetVanta BCS ucCompanion or the NetVanta 7000 Personal Phone Manager using the click-to-dial capability.

- IP 700 Series phones would not play ringback tone when it received a **180 Ringing** response after a **183 Session Progress** response.

- IP 700 Series phones would not play music on hold when registered to a NetVanta ECS server.

- If a 302 Moved Temporarily response was received while performing an attended transfer, the user in the Refer-To header in the REFER would not be correct when completing the transfer.

- Calls with packetization periods other than 20 ms were disconnected by the phone with a BYE response.

## Errata

The following is a list of errata that still exist in Firmware version 2.3.0.

- When no dial plan is configured, the phone uses a non-null default dial plan.

- When syslog is enabled for verbose debugging, if a REFER is received from NetVanta ECS, and subsequent INVITE may not be sent. This causes certain call flows like blind transfers and park/retrieve to stop functioning.

- The phone may intermittently stop responding after calling voicemail.

- In the case where a blind transfer fails or is canceled, the IP phone will no longer be able to transfer the current call. Subsequent calls will allow transfers as expected. A work around is to park the call and then retrieve it to regain the ability to transfer.

- When an SLA call is retrieved from public hold, the line key label changes to the registration user for that line.

- When a call is answered, a second incoming call is ignored, and 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 while on a call, the soft keys displayed are **Dial, Redial, Pickup,** and **More.** Soft keys while on an active call should display **Hold, Park,** and **Endcall**.

- When syslog is enabled for verbose debugging, the phone may lockup when using click-to-dial from NetVanta 7100 Personal Phone Manager or NetVanta ucCompanion.

- If the IP phone receives a 302 Moved Temporarily response to change the destination of an outbound call, the line key label will display Unknown instead of the new destination.

- 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 IP phone rings at maximum ringer volume for that inbound call.

- When an apostrophe is present in a directory field (such as Bob's, Doctor's, etc.), the Personal Directory contents are truncated following the apostrophe.

- 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* (ADTRAN's Knowledge Base article 3551), available at http://kb.adtran.com. Firmware upgrades are available on the *Support/Software Downloads* section of ADTRAN's website at http://www.adtran.com.

## Documentation Updates

The following documents were updated or newly released for Firmware version 2.3.0 specifically for the ADTRAN IP 700 Series phones.

- Upgrading IP 700 Series Phone Firmware Configuration Guide (61200770E1-29A, article 3551)

- IP 700 Series Phone User Manual (6AOSUG0001-1A, article 3568)

- IP 700 Series Phone Administrator Guide (6AOSAG0001-31A, article 3567)