



Ascom i62 5.5.9

Release information

Software version:
5.5.9

Build date:
20 Dec 2016

Software name:
Ascom_i62_v5.5.9.pkg

Parameter version:
14.332/307.0

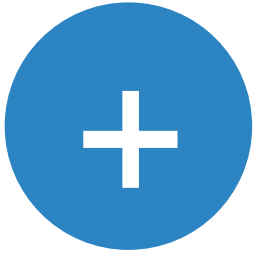
OS version:
11r1 sr10+

WLAN version:
3.6.i

Purpose of the release

This is an incremental hotfix release for Ascom i62 VoWiFi handset. It solves a couple of NCRs and implements some CRs.

This version includes tickets from version 5.5.5.



New functionality

- Support additional colours for messages in handsets
- Support feedback when selecting an option in IM

Description of changes relative to version 5.5.0

Corrections

NCR

No ring signal is being played

NCR/CR: CSE-5587

Background:

The ring signal is sometimes not being played. The users say that incoming calls are connected without any ring signal. It mostly works OK but sometimes they get this issue.

Solution:

Fix problem with missing ring signal when a new call is received right after a previous call has been disconnected.

Exception restart when receiving beacons from AP having huge amount of connected stations

NCR/CR: ALCATEL-51 CNO-45774

Affects system/s: Meru

Background:

The handsets restarts on sites when receiving beacons from SSIDs having huge number of stations connected to the access point.

Solution:

Correction in the WLAN driver.

Wrong display indication in case of call forwarding

NCR/CR: UNIFY-70

Affects system/s: OmniScape Voice

Background:

When user B has activated call forwarding to user C and user A calls B, the call alerting takes place in the handset of user C. During the alerting/ringing state, the display of user A shows the name of user C but the number of user B.

As soon as user C accepts the call, the display of user A correctly shows the expected name and number of user C.

Solution:

Remote party identity updates are now correctly displayed for outgoing calls.

Failure to update CLIP at XFER

NCR/CR: CBNX-146
Affects system/s: NEC PBX

Background:

When a call between party A and B is transferred by B to new party C, the CLIP/CNIP information is not updated at party C.
Only name/number of B is visible, even after the transfer.

Solution:

Added handling of SIP Update messages during call setup phase for interoperability with transfer behavior of NEC PBX.

Other corrections

One-way voice after roam

Background:

Due to communication problems the handset sends a Deauth and Associate again. On the new AP it will not receive any downlink data. The issue is resolved when roaming to another AP.

The problem is not AP dependent since a normal roam into the AP will not result in the problem. It is only after the handset has sent the Deauth the problem occurs

Solution:

Voice in call will be regained after roam from a failing AP.

"No network" is not signaled when 802.1X authentication fails

Background:

Having the wrong user credentials for 802.1X authentication, or if CA certificate is out of date, the error status "No network" is expected.

In previous version 5.5.5 that was not the case. If association towards an AP was successful but the authentication was not, "No network" was never signaled with popup dialogue nor beep.

Solution:

Improved error handling, requiring successful authentication.

New functionality/enhancements

CR

Support additional colors for messages in handsets

NCR/CR: CR-193

Background:

Additional color indications for messages to handsets are requested. The following colors are needed: "Burgundy", "Pink", "Grey", "Black", "White".

Solution:

Added new messaging colors.

Support feedback when selecting an option in IM

NCR/CR: CR-194

Background:

There is a need for displaying feedback to the handset user after selecting an option in an Interactive Message.

Solution:

Support for <DispText>, i.e. feedback popup when option is selected.

Improvements

Trigger TTL at startup

Background:

At startup, check if any messages have TTL, and make sure they are either deleted if TTL expired, otherwise start TTL timer.

Solution:

Any messages with TTL at startup will be checked to determine if they have expired and shall be deleted. If not expired, TTL timer is just started.



Limitations and Known issues

- For information about limitations on different IP PBXes and WLAN infrastructures, please see the interoperability reports published on the Partner Web.
- **“No network” on DFS channels on Cisco WLC Version 8**
Occasions where the Ascom i62 handset halts and totally freezes when scanning DFS channels has been observed with previous handset software versions. Preferably use eight channels at the most on the 5GHz band. The problem is more likely to occur if more channels are scanned.
Workaround is implemented which restarts the WLAN chip and a short “No network” is indicated to the user.
- **Dropped communication during calls on Aruba AP225 in 802.11n mode**
Workaround: Associate Ascom i62 in non - 11n mode (Use network setting 802.11 protocol: 802.11a or 802.11b/g).
- **Blank IM screen when using certain combinations of TTR, TTL and reminder timeouts**
If TTR is set and that value will coincide with values of TTL and reminder timeouts there might be a blank IM sent. To solve this, change the value of TTR, for instance to “Close manually”.
- **Ascom VoIP Gateway**
In order to have blind transfer working on the Ascom VoIP Gateway, the SW version 7hf38 or version 9 must be used.
- **Known issue for WLAN infrastructures using WEP security**
When upgrading software from an earlier version to 4.1.12 or later, the WEP key - if it includes a “zero” byte (0x00) - won’t be parsed correctly at the subsequent restart of the handset. This results in loss of network connectivity until the WEP key is reapplied through WinPDM.
Workaround: Switch to WPA/WPA2 (or make sure the active WEP key doesn’t contain “zero” bytes) prior to carrying out the software upgrade.



Compatibility

- The software is compatible with earlier versions of the i62.
- Features “Easy deployment” and “Centralized certificate handling” require Unite CM version 4.60 (or later) and IMS3 version 3.70 (or later) respectively. The IMS2 is not supported.
- The feature “Manual restart from Device Manager” requires Unite CM version 5.0.0 (or later) and IMS3 version 4.1.0 (or later) respectively. The IMS2 is not supported.

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