



POLYCOM®

KIRK Release Note
Cisco Unified Call Manager
KWS600v3

Firmware Version 08-60700.55
Q4/2008

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1. General

This release note applies to IP firmware version 08-60700.55 and radio firmware PCS05Ac of the KWS600v3 that has been tested compatible with the CUCM 6.1 using the SCCP protocol.

This release is a main release replacing the 08-60700.47.

2. Important Notes

French in handset display supported with the CUCM 6.1 using the SCCP protocol.

2.1 Removal of user data

If a user is removed in the CUCM (user data deleted), but not removed from the KWS600v3 LDAP server (in this test the IP Master), registration attempts are sent to the CUCM.

This means that the user data removed from the CUCM shall always be removed from the LDAP server. If not, it will produce unnecessary signaling.

2.2 SRST

This firmware supports SRST 4.0 and upwards. SRST 3x and lower is not supported.

3. Distribution Files

Click [here >>](#) to find the IP firmware 08-60700.55

Click [here >>](#) to find the BMC firmware: PCS05Ac

4. Changes

4.1 CUCM 6.1 (Q4/2008)

4.1.1 Corrections

VOICE MAIL. Beep tone was missing when setting up a voice mail. After comfort noise was received the dsp did not start decoding RTP-packets fast enough. Loosing RTP-packets was depending on the time between comfort noise and receiving RTP-packets again. The problem has now been resolved.

REGISTRATION: When running with many users and SKINNY protocol, problems with ether-net breakdown have occurred at the ip-master. The problem was that the users tried to set up a socket to the CUCM simultaneously causing load problems. This problem occurred from 700-1500 users. Now, the SKINNY tcp “socket connect” is carried out and controlled from one timer. This means that one socket must be connected, before the next socket connect is requested. With 1500 users, it can last for up to 5-6 minutes before all sockets are connected on both CUCM. With this change the reliability has improved.

REGISTRATION: Re-registration has been fixed. It has now been ensured that the registration is always done if requested.

KEEPALIVE: Resetting users from the Call Manager (CUCM) with many registered users caused keep alive problems. Users were unregistered because the keep alive time was changed if the users registered to the secondary CUCM. This was seen after adding/editing users with following reset from the CUCM. The problem occurred from 700-1500 users. The problem has now been resolved using only the primary CUCM keep alive time. To give better performance on the system a further change has been made. Now keep alive is sent in groups. With each group 5 keep alives are sent. Between each group is a fixed delay of 100 msec.

4.1.2 Added or Changed Features

None

4.1.3 Removed Features

None

4.1.4 Configuration File Parameter Changes

None

4.2 CUCM 6.0 (Q2/2008)

4.2.1 Corrections

- DECT TRACE: Unknown events now shown.
- RING BACK: If remote user disconnect was received ring back (remote user on hold and local user went on hook) it could happen that ring back was still done. This has now been stopped.
- PERFORMANCE IMPROVEMENT. Internal signaling CALL-PROC from RADIO-base to IP-master removed for incoming calls. This has been done to reduce internal signaling between the KWS600v3
- MSF: Handles MSF when no registered KWS600v3 slaves.
- DECT/BMC INTERFACE: NicSubsAndUserDatCfm added. If user data don't read by BMC, data is retransmitted. Parameter returned to see if any conflict.
- CCM FAILOVER/FAILBACK. Failback from SRST to CUCM2 failed
- SRST DATA: Old SRST data now removed from config file if new SRST data is used.
- IP MASTER MENU RADIOS: Busy field in IP Master "Menu" and "Radios" turned red if KWS600v3 lost connection to the IP Master and calls were tried. Now BUSY is only set if all radio channels on the KWS600v3 are occupied.
- PP CLOCK: Update location registration has now been implemented.

4.2.2 Added or Changed Features

- MSF BROADCAST: Support of MSF broadcast sent to a single user, to a group or sent to all users.

- STANDBY TEXT: Standby text can now be updated without turning the handset power off and on.
- FREQUENCY BAND: Changing frequency band for Europe, South America and North America implemented.

4.2.3 Removed Features

None.

4.2.4 Configuration File Parameter Changes

None.

4.3 CUCM 4.1.3 (Q2/2008)

4.3.1 Corrections

- KEEP ALIVE: Has been changed in order to improve the CPU performance of the KWS600v3, and keep alive is not sent to ALT-CUCM if CUCM connection is OK.
- DELAYED INFO: At incoming calls, info is only sent to the KWS600v3 with alerting handset. In the previous version, info containing additional display- and ringer info was sent to each handset in the system making unnecessary signaling.
- MISSING RINGING: When CPU load was high, the handset did not always ring when an incoming call was received. This problem has now been solved.
- BCT: A-Blind Call Transfer number at C-user was not always displayed correctly when BCT was activated by B-user. This problem has now been solved, and C-user is now always displayed correctly.
- REGISTRATION: User Name is now checked in the edit user menu of the KWS600v3. Registration is only performed if name starts with “SEP” and consists of 15 characters (SEP + 12 digits). If not, no registration is performed.

4.3.2 Added or Changed Features

- MWI: Message Waiting Indication
- NAME: Called/calling name is now shown for outgoing/incoming calls.
- CONFERENCE. “Conference” text now shown when conference established.
- SRST: Can now be entered into cfg file if tftp is not supported.

4.3.3 Removed Features

None.

4.3.4 Configuration File Parameter Changes

None.