



RELEASE NOTES

Ascom IP-DECT v12.0.11



GENERAL

Software name: IP-DECT (IPBL, IPBS1, IPBS2, IPBS3, IPVM)
Software version: 12.0.11
Release date: 2024-10-30

Downgrade/Upgrade concerns

From version 9.1.X and later the IPBS1 only has radio functionality

Background:

Due to lack of available flash space for new firmware/boot on IPBS1, we need to remove reserved space for persistent data in order to make more space available.

Solution:

This means that the central software components are no longer supported on IPBS1. The IPBS1 is now only able to host the DECT Radio component. All IPBS1 in a system using any other functionality than DECT Radio component (i.e. Master, Mobility Master, Crypto Master, Kerberos server, Central Phonebook, Gateway) need to be replaced/swapped by IPBS2/IPBS3/IPVM/IPBL1 before upgrade.

If central software components are enabled for an IPBS1 there is a risk that there already are too little space in the flash to be able to upload the firmware. In that case a factory reset is needed to resolve the issue.

G.723 is phased out

G.723 codec is no longer supported by the IP-DECT system.

SNMP is disabled by default

The SNMP service is disabled by default. To enable use the enable option on Services->SNMP page. Note that after upgrade of an existing system, the SNMP functionality will be disabled and needs to be enabled again for each device. For large systems, support can assist with tools to do this as a bulk change.

Upgrading from version 8.X.X

ICE enabled

Background:

After upgrade to 10.0.X, ICE functionality is enabled.

Solution:

The option to disable ICE has moved from the VoIP page to the DECT->System page. If ICE was disabled, then it must be manually disabled again on DECT->System page after an upgrade.

Upgrading from version 7.X.X

SMS encryption enabled by default

Background:

After the upgrade, SMS Encryption will be enabled by default.

Solution:

If SMS encryption is not wanted, it needs to be disabled both in Unite (see Unite documentation) and in the IPBS (see Installation and Operation manual).

Downgrading to 10.0.X (or earlier)

Device Not Reachable

Background:

If IPv6 has been used in the configuration the device becomes unreachable (or stuck in boot loop) after downgrade to a version that does not support IPv6.

Solution:

Restore old configuration before downgrade.

Limitations

- IPDECT-3111: Incorrect IP address with the ASCOM-IPDECT-MIB when listing events or alarms reported from a device using IPv6. The MIB currently uses the IpAddress syntax from SNMPv2-SMI which only supports IPv4. As a result, only the least significant 4 bytes of the IPv6 address will be displayed as an IPv4 address.
- IPDECT-6088: After restoring a configuration file that contains Kerberos users it may be that the users list is empty. This is due to a timing issue with the internal LDAP database. The workaround is to restore the configuration file a second time.

Recommended browsers

- Firefox
- Chrome
- Edge

Supported VMware ESXi versions for IPVM

- 8.0
- 7.0
- 6.7
- 6.5

Release Notes IPDECT - Version 12.0.7 to 12.0.11

NCR

Teams: Deadlock when synchronizing user/device data

JIRA: IPDECT-6253

NCR/CR: CUK-39952

Affects system/s: Teams

Background:

During some probably rare circumstances the synchronization of device and user configuration data between the IP-DECT Master and Teams Device Manager can go into a deadlock. After this it is not possible to e.g. sign-in or onboard new devices. Also, unsynchronized handset devices can get PBX out of service. This state will be permanent until the Master is restarted.

Solution:

A problem when handling queued user database transactions causing the synchronization deadlock has been solved.

LDAP-phonebook search does not handle canonical numbers

JIRA: IPDECT-6232

NCR/CR: CDACH-46360

Background:

When searching for a number via the LDAP central phonebook the leading + sign is not included in the result. This problem does not exist for 11.9.X.

Solution:

Handling of '+' prefixed numbers when no or incomplete Dialing Location has been configured for the LDAP Phonebook service has been resolved.

Problem with "No Access" in handsets

JIRA: IPDECT-6175

NCR/CR: CDK-30589

Components: IPBL

Background:

After upgrade of a large site there are sometimes "No Access" displayed in the handsets.

Solution:

The problem occurred if 10 handsets established a DECT link to the same IPBL1 within a 1 second time window. So the probability of the issue increased with the number of handsets. When this traffic scenario occurs there is a choke mechanism that rejects further traffic to protect system from overload. The choke period was due to a bug 25 seconds instead of the intended ~1 second. The choke period has now been adjusted. In addition this the limit of 10 link creates per 1 second has been increased to 50 to allow for substantially more traffic on an IPBL1.

IPBL - Problem with upgrade of Base Stations

JIRA: IPDECT-6174

NCR/CR: CDK-30580

Components: IPBL

Background:

Upgrade of RFPs are sometimes not possible when using IPBL1 with version 12.0.5.

Solution:

Relates to NCR IPDECT-6175. Whenever choke mechanism is triggered due to too much handset traffic on the IPBL1 any ongoing RFP software download would fail. Choke mechanism has been adjusted to only be applied to RFPs in available state.

DTMF does not work, incorrect telephone-event payload

JIRA: IPDECT-6235

Background:

For incoming call from MX-One DTMF signaling does not work.

Solution:

Corrected media negotiation handling where IP-DECT selected wrong sampling rate for telephone-event.