

# ProCall 6 Enterprise Release Notes

Version 6.4.12.3461

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19	10/18/2019	Bernd Kattner	Version 6.4.0.2264
20	12/17/2019	Bernd Kattner	Version 6.4.1.2459
21	01/14/2020	Bernd Kattner	Version 6.4.2.2489 blocked
22	01/22/2020	Bernd Kattner	Version 6.4.3.2537
23	02/18/2020	Bernd Kattner	Version 6.4.4.2617
24	03/24/2020	Bernd Kattner	Version 6.4.5.2755
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32	09/28/2020	Bernd Kattner	Version 6.4.11.3356
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# 1. Update 6.4.12.3461

## 1.1. Modified and new functions

Reference	Description

## 1.2. Bug fixes and improvements

Reference	Description
PAIM-1792	Fixed problems with SIP line registration that could occur after a server restart.
PAIM-1753	Fixed a problem with the Windows client that chat windows of chat rooms were closed immediately after receiving messages because the client used the settings for conversation windows and not for chat windows.
PAIM-1732	An error has been fixed that log files cannot be provided on the Windows client if a special file is still blocked by the Windows client.
PAIM-1731	Fixed a problem where a log ZIP archive could not be created.
PAIM-1730	The database connection of the UCServer to the chat database was cleaned up.
PAIM-1729	If no log files can be provided on the Windows client, the error messages are now more meaningful and are displayed per file.
PAIM-1702	An issue where the Windows client crashed regularly after updating ProCall to version 6.4.8.3072 has been fixed.
PAIM-1671 RTCSP-1709	Fixed a crash of the Windows client when calls were made very fast one after the other over the Bluetooth connection of a cell phone.
RTCSP-1660	Fixed problems with SIP line registration that could occur after a server restart.

## 1.3. Known issues and limitations

Support of the EWS connection of the Windows client and EWS calendar replicator only possible with TLS 1.2 (CDAS-184)

For security reasons, the ProCall Client from version 6.4.4.xxxx only supports TLS 1.2.

Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)

If the UCServer is installed on 64-bit architecture, ensure that no 32-bit Access Database Engine driver is installed in the system. The problem usually occurs when Office 32-bit is installed on the system or is subsequently installed.

The 64-bit Access Database Engine installation file can be found in the subdirectory "Supportfiles" of the UCServer installation directory (normally C:\Program Files\es-tos\UCServer).

#### Server components on Microsoft Windows client operating systems (SIX-1154)

The number of connections to a client operating system is limited by the Microsoft EULA. Before you install the UC server on a client operating system, make sure that the number of connections is not exceeded (multiple network connections).

Microsoft license terms: <http://www.microsoft.com/de-de/useterms/>

#### Limited docking capability for multiple monitors (SIX-1152)

When using multiple screens, it is only possible to dock the monitor at the outer edges of the entire area.

#### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

#### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
- Likewise, it is also not possible to dock the monitor
- Integration with Bluetooth cannot be used.

#### When copying chat content, several blank spaces precede each word (SIX-1102)

If a line is highlighted and copied in an open chat window, then 2 blank lines are copied in advance.

#### With the softphone, only the first CWE is loaded (SIX-878)

The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
- {{ConversationWindowURL3}}

#### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

Unify OpenScape Business: Connecting participants after a 3-way conference is not possible (RTCSP-1016)

The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 2. Update 6.4.11.3356

In the ProCall for Windows client, it was possible to execute commands (e.g. JavaScript, ActiveX) in the underlying Microsoft Internet Explorer remotely, i.e. from another ProCall client, via the contact portal or the multimedia business card or federation, using chat messages. A potential attacker could thus transfer any (malicious) software to the system and execute it there.

### **Recommendation:**

estos recommends updating to the latest version of ProCall Enterprise (7.0.3. or 6.4.11. or higher).

### 2.1. Modified and new functions

Reference	Description

### 2.2. Bug fixes and improvements

Reference	Description
PAIM-1723	It was possible to execute code via the chat window (see introductory text above about the release and recommendation. The problem was fixed.
PAIM-1715	A crash of the UCServer in connection with the archiving Access database was fixed.
PAIM-1713	Error messages in the UMReplikator log have been improved.
PAIM-1706	After deactivating individual Windows notification sounds of the clients in the system, these were no longer overwritten with the default value when the client was started.
RTCSP-1685	A problem with registration of softphone lines with www-Authentication header was fixed.

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#### Unify OpenScape Business: Connecting participants after a 3-way conference is not possible (RTCSP-1016)

The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 3. Update 6.4.10.3266

### 3.1. Modified and new functions

Reference	Description
PAIM-1615	The SMS provider Ecall has a new URL. There is a new URL for SMS provider Ecall.ch. The new URL is: <a href="https://url.ecall.ch/api/sms?">https://url.ecall.ch/api/sms?</a>
PAIM-1362	See PAIM-1615

### 3.2. Bug fixes and improvements

Reference	Description
PAIM-1660	Since an update from MBCTI 5.1 to 6.4 no Windows domain authentication is possible. The problem has been fixed, currently without TLS.
PAIM-1659	An attempt to connect to Active Directory via LDAP or LDAPS resulted in a UC server crash. This error has been fixed.
PAIM-1651	Chat messages are not displayed if the sender is blocked at the receiver (at user level).
PAIM-1646	The length of the message preview for push notifications has been increased from 100 to 2048 characters.
PAIM-1642	If "Working elsewhere" is selected in an Outlook appointment (instead of "Busy" or "Out of office"), this appointment is still displayed as "Busy" and my presence is displayed accordingly. But the behaviour should be like a free appointment and the presence should not change. This problem has been fixed.
PAIM-1618	It could happen under certain circumstances (if an existing TAPI buffer for the TAPI interface was reduced in size) that service eucsrv.exe crashes. The problem was fixed, it is no longer possible to reduce an existing buffer.
PAIM-1612	Admin: Offer menu items "Basic services" and "Synchronize contact data" if the "Events" page is selected. Previously it could happen that the menu item Events did not include the menu Basic Services. The menu has been adjusted.
PAIM-1485	It could happen that administrative keys were not displayed. This error has been fixed.
PAIM-1377	Server: Error message: 22018 [Microsoft][ODBC Microsoft Access Driver] Expression too complex. This error message occurred if there were more than 100 entries in the Connection-ID list. This error has been fixed.

RTCSP-1640	Softphone: Administrative call diversion did not work in certain cases with Panasonic systems. The problem has been fixed.
RTCSP-1599	When accepting a call with a mobile device (ASNCall asnAVConnect) a drop is pushed. The problem has been fixed.
RTCSP-1411	Register Error 500 with "Linphone flexisip Registrar". The problem has been fixed.
SIX-2460	Groups with more than 1500 users could not be administrated. A user could not be assigned a group with more than 1500 users. The error has been fixed.

### 3.3. Known issues and limitations

Support of the EWS connection of the Windows client and EWS calendar replicator only possible with TLS 1.2 (CDAS-184)

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## 4. Update 6.4.9.3142

### 4.1. Modified and new functions

### 4.2. Bug fixes and improvements

Reference	Description
CC-681	Forwarding Server BusyTimeout in UCWeb to ProCall Clients.
PAIM-1604	UCServer only allows WebClient logins in case of overload. The UCServer has no opportunity to process logins, because the web service does not return the ServerBusyTimeout to the clients and still performs logins - see also CC-681, the ServerBusyTimeout is now returned to the clients.
PAIM-1603	Configured call diversions in the UCServer's line menu are not persisted beyond the restart of the service. The error has been fixed.
PAIM-1567	If a MetaDirectory with SSL was configured on the Windows client and the Configuration Wizard was opened for this purpose, the checkbox "Use SSL" was not marked. This problem has been fixed.
PAIM-1561	Scheduled calls without date are now sorted forward so that the scheduled calls without date do not disappear behind the scheduled calls which are already completed in the past.
PAIM-1553	If a scheduled call was created without date values, these calls appeared in ProCall in the tab "Scheduled" with the value "31.12.1899". The specification "No date" is now displayed.
PAIM-1350	The Procall Client remained in the mask "Logon running" (Windows logon), although according to the logs it was already logged on to the server. Logging in with Windows User/PW did not change the behaviour. This is the case when a user logs in for the first time. Neither the client nor the server had a client content file. But there was an administrative ClientContent XML. This problem has been fixed.
PAIM-1309	Users use the Procall Client via RDS. Regardless of how the client settings for EWS connection have been made (directly on the local Windows client or via RDP), EWS will ask for the password at the next Procall Client start, even though "Use Windows logon data" has been activated, which is correctly entered in the registry. This problem has been solved.
PAIM-1238	In UCAdmin, a conflict message was displayed unjustifiably when changing users, groups or computers. The error could only occur if an SQL Server user database is used by the UCServer.

## 4.3. Known issues and limitations

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The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 5. Update 6.4.8.3072

### 5.1. Modified and new functions

### 5.2. Bug fixes and improvements

Reference	Description
PAIM-1549	The keyboard shortcut for forward and DTMF does not work with softphone and audio/video chat
PAIM-1467	THN-879-73280: Memory consumption of the UCServer unintentionally increases steadily
PAIM-1381	Improved reliability/stability of chat notifications
IF-437 / PAIM-1462	Windows client cannot log on because the UCServer has hung up; restart of the UCServer necessary
RTCSP-1553	For Bluetooth headset, the Audio/Video Wizard may cause the client to crash
PAIM-1540	VDO-487-97671: Extended search leads to client crash with many search parameters
RTCSP-1456	iOS13 apps are no longer crashed
PAIM-1390	VER-534-92585: Client crashes with configured ODBC data sources
PAIM-1500	With the presence "DnD" the chat window opens, but should not
RTCSP-1501	UCServer MediaServer Behavior with very high call load leads to over-flow
PAIM-1531	CNX-917-58704: Client instability associated with Outlook contacts

### 5.3. Known issues and limitations

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For security reasons, the ProCall Client from version 6.4.4.xxxx only supports TLS 1.2.

**Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)**

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

**Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)**

If the UCServer is installed on 64-bit architecture, ensure that no 32-bit Access Database Engine driver is installed in the system. The problem usually occurs when Office 32-bit is installed on the system or is subsequently installed.

The 64-bit Access Database Engine installation file can be found in the subdirectory "Supportfiles" of the UCServer installation directory (normally C:\Program Files\es-tos\UCServer).

#### Server components on Microsoft Windows client operating systems (SIX-1154)

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#### Limited docking capability for multiple monitors (SIX-1152)

When using multiple screens, it is only possible to dock the monitor at the outer edges of the entire area.

#### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

#### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
- Likewise, it is also not possible to dock the monitor
- Integration with Bluetooth cannot be used.

#### When copying chat content, several blank spaces precede each word (SIX-1102)

If a line is highlighted and copied in an open chat window, then 2 blank lines are copied in advance.

#### With the softphone, only the first CWE is loaded (SIX-878)

The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
- {{ConversationWindowURL3}}

#### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

Unify OpenScape Business: Connecting participants after a 3-way conference is not possible (RTCSP-1016)

The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 6. Update 6.4.7.2982

### 6.1. Modified and new functions

### 6.2. Bug fixes and improvements

Reference	Description
PAIM-1448	Android: The group name of a group chat is not displayed, but names from the group chat. After login/logout of the app the name reappeared. This problem has been fixed.
PAIM-1431	When locking the workstation (Windows), the ProCall client could be terminated. This problem has been fixed.
PAIM-1388	In some cases, it could happen that the chat history is not visible for an incoming chat. This problem has been fixed.
PAIM-1134	Windows 10 with Outlook 2016 (32-bit). A call could not be placed if an e-mail address was additionally entered in the corresponding contact. This problem has been fixed.
RTCSP-1504	The ProCall Softphone no longer worked when screen sharing was active and a conference call was initiated. The error has been corrected.
RTCSP-1503	In the case of an AVChat or softphone call, the ringback sound is temporarily not deactivated when the call is rejected. The error has been corrected.
RTCSP-1424	When using wireless headsets that are connected directly to the computer via Bluetooth without USB, the ProCall Client could crash. The error has been corrected.
SIX-2434	Access to PBX TAPI “Auerswald” after hardware binding/UC Connect license was no longer possible The problem was solved.

### 6.3. Known issues and limitations

Support of the EWS connection of the Windows client and EWS calendar replicator only possible with TLS 1.2 (CDAS-184)

For security reasons, the ProCall Client from version 6.4.4.xxxx only supports TLS 1.2.

Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

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The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

Unify OpenScape Business: Connecting participants after a 3-way conference is not possible (RTCSP-1016)

The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 7. Update 6.4.6.2908

### 7.1. Modified and new functions

Reference	Description
PAIM-1349	The Herold phone book connection has been removed.

### 7.2. Bug fixes and improvements

Reference	Description
CC-256	It could happen that several remote media servers could not be found after restart. This problem has been fixed.
LC-1822	LiveChat: one anonymous login created multiple users. The bug was fixed.
PAIM-1410	Android: A click on chat created an empty chat session with the title "unknown". The bug has been fixed.
PAIM-1395	Fixed a bug that caused the ProCall client to crash.
PAIM-1363	A memory leak problem in UCServer was fixed.
PAIM-1347	Improvements in Chat Debug Logging (Better search function in the log).
PAIM-1337	In some cases it could happen that also deleted chat entries were displayed. This problem has been fixed.
PAIM-1336	In the French version of the Procall Client the menu item "Hotkeys" was missing. This bug has been fixed.
PAIM-1309	In cases where users use the Procall Client via RDS, regardless of how the client settings regarding EWS connection have been made (directly on the local WIN client or via RDP), EWS asked for the password at the next Procall Client start, even though "Use Windows login data" has been activated. This problem has been solved.
PAIM-1238	In UCAdmin, a conflict message was unjustifiably displayed when changing users, groups or computers if an SQL Server user database is used by the UCServer. The bug has been fixed.
PAIM-1002	When users were replicated from the AD to the UCServer for the first time using UMReplikator, the view in UCServer /Admin was not correct with regard to users. All users were marked as active with the green icon in the first column, although the Administration Server column is empty. In this case, a logon attempt by a user ends with the same error message, that the user either does not exist or has been deactivated. This error has been fixed.

RTCSP-1474	The help note for USB headsets has been improved. Text: "It was found that Bluetooth audio devices that are coupled in the Windows PC do not generate removed / inserted events, as is the case with USB audio devices. Therefore, the ProCall Client does not recognize if a new BT headset is available after the ProCall Client has been started. Likewise, it is not recognized when the BT audio device is switched off. "
RTCSP-1456	The UCServer sent push notifications twice in certain cases. Until now, the app had recognized and ignored this. However, starting with the iOS 13 SDK, a call must be signaled via iOS CallKit for each VoIP push message (for softphones). Thus the app was "stopped" by iOS.
RTCSP-1454	Media-Server supports now 64-bit.
RTCSP-1399	Call pickup at an Avaya IP Office ended the call. The call was ended when a softphone line picked up a call from a TAPI line. The error was fixed.
RTCSP-924	iOS and Android: when an incoming call is received on a busy SIP line, the caller heard nothing instead of busy, and the called party does not receive any signalling either. When the caller hangs up, the notification of a missed call is sent. The error has been fixed.

## 7.3. Known issues and limitations

**Support of the EWS connection of the Windows client and EWS calendar replicator only possible with TLS 1.2 (CDAS-184)**

For security reasons, the ProCall Client from version 6.4.4.xxxx only supports TLS 1.2.

**Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)**

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

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#### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

#### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
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#### Unify OpenScape Business: Connecting participants after a 3-way conference is not possible (RTCSP-1016)

The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 8. Update 6.4.5.2755

### 8.1. Modified and new functions

### 8.2. Bug fixes and improvements

Reference	Description
PAIM-1261	Various bugs in the contact display and function after SIP proxy installation have been fixed 1. Authorization requests were automatically made 2. Newly added contacts were sometimes not resolved with names 3. Calls could no longer be made for federated contacts
PAIM-1260	If an ECSTA was used that requires a PIN or similar to log in to the ACD (e.g. OpenScape 4000), the Pro-Call client got stuck trying to log on to the ACD. The misconduct has been fixed.
PAIM-1248	Calculation of the height of menu entries with description text in pop-up menus has been corrected (call forwarding). The height calculation was incorrect in pop-up menus with menu entries with description text. Sometimes text is cut off or menu items are displayed unnecessarily large (blank lines).
PAIM-1225	The system requirements for the help texts have been updated.
PAIM-1206	It could happen that after a rejected audio call with simultaneous screen sharing, a chat conversation was created with only one participant. The problem has been solved.
PAIM-1177	There were problems finding contacts with special characters. The bug has been fixed
PAIM-1147	Enable AD user manager connection "Force LDAPs". The UC server connection is using LDAPS (port 636 not port 384).
RTCSP-1376	Nfon: If we performed a so-called Attended Transfer (half-blind transfer), the client replied to the UPDATE with a "500 Internal Server Error". In addition, we don't see an "ALLOW" header at REGISTER. The problem has been solved.
RTCSP-1369	In connection with a Unify OpenScape Business, the SIP registrations restarted because the media server restarts. The bug has been fixed.
SIX-2417	The exception handling of the ProCall Windows Client no longer works. The problem has been solved.

## 8.3. Known issues and limitations

**Support of the EWS connection of the Windows client and EWS calendar replicator only possible with TLS 1.2 (CDAS-184)**

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**Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)**

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
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#### Unify OpenScape Business: Connecting participants after a 3-way conference is not possible (RTCSP-1016)

The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 9. Update 6.4.4.2617

### 9.1. Modified and new functions

### 9.2. Bug fixes and improvements

Reference	Description
CDAS-184	Starting with this version we support Exchange 2019 for the EWS connection of the Windows Client and EWS Calendar Replicator. Please see chapter 1.3 "Known Problems and Limitations" Support of the EWS connection of the Windows Client and EWS Calendar Replicator is only possible with TLS 1.2.
CTIPBX-82	When importing a CSV file, a warning was displayed. But the import was executed. Warning message has been removed.
PAIM-1174	The replication of "persons" could be aborted if an OU no longer exists (ADContactCache/adcontacts.db). The problem has been fixed.
PAIM-1135	Outlook 2013: Presence information of ProCall for company internal persons/contacts was not available. This problem has been fixed.
PAIM-1125	The Windows client could crash if a favorite group was expanded or collapsed with the space bar. This issue has been fixed.
PAIM-1123	There were chat messages visible in the server logs at log level "Debug". For privacy reasons, this is not be allowed. Problem was fixed.
PAIM-1120	If the detail level for the monitor was set to "low" in the settings under General/View, call forwarding was no longer signalled in the monitor. This applied to both the contact view and the tooltip. This issue has been fixed.
PAIM-1116	It could happen that chat messages "Delete chat history after X days" were deleted too early. Problem was fixed.
PAIM-1115	Corrected a problem where a chat interface feature did not "deliver" binary message or AV journal events as last message.
PAIM-1108	The local view of the grouping attributes was not saved and was always reset to default. This issue has been fixed.
PAIM-1047	In the UCServer administration under basic services, the checkbox "Do not store text chats in the database" is set. Now, if a user had received a chat while absent, it was shown as unprocessed. Problem was fixed.
RTCSP-1320	In exceptional cases, a failure of the UCWeb could occur, which could only be remedied by restarting the UCServer. This problem has been solved.

RTCSP-1297	With ProCall clients with softphone via VPN there was no media connection on incoming calls. This problem has been fixed.
RTCSP-1288	A problem has been fixed where the ProCall Client "hangs" at the end of the call.
RTCSP-1158	bintec-elmeg: The option of forwarding when a subscriber is on hold/consultation must be deactivated for bintec-elmeg.
UCCON-1111	In the English UC server administration UCConnect was still written to be used for the Windows client. Was changed.

## 9.3. Known issues and limitations

**Support of the EWS connection of the Windows client and EWS calendar replicator only possible with TLS 1.2 (CDAS-184)**

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**Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)**

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**Server components on Microsoft Windows client operating systems (SIX-1154)**

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#### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

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#### Unify OpenScape Business: Connecting participants after a 3-way conference is not possible (RTCSP-1016)

The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 10. Update 6.4.3.2537

Note: In version 6.4.2.2489, push messages were no longer sent correctly to the mobile apps. This problem is solved with 6.4.3.2537.

### 10.1. Modified and new functions

Reference	Description
RTCSP-1294	The UCServer administrator can now activate the WebRTC-side configuration for Opus for the OXE and Innovaphone PBXs.

### 10.2. Bug fixes and improvements

Reference	Description
CDAS-141	When a call comes in, information about the phone number is displayed from various data sources (outlook, ODBC, ...). This also happens for the "Data source Outlook-Recipient Cache". But a display from this data source should not be done. Was implemented in this version.
PAIM-1118	During the archiving of the journal (Access DB) a UC server crash could occur. This problem has been solved.
PAIM-835	There was a problem with dialing and presence information from the Outlook "Only applies to Outlook 2013". Therefore a RegKey had to be set manually. This is now automated so that no RegKey has to be set manually.
PAIM-834	Corrected a problem where calls to a phone number from a business card in Outlook were performed as audio chat instead of the default line.
SIX-2408	The chat database migration from ProCall 5 Enterprise to ProCall 6 Enterprise does not run as a service, so in some cases the migration failed when authenticating to the SQL server via service account. The problem has been fixed.

### 10.3. Known issues and limitations

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## 11. Update 6.4.2.2489

### 11.1. Modified and new functions

### 11.2. Bug fixes and improvements

Reference	Description
PAIM-1081	Fixed a problem that Chat Journal entries not updating properly after re-suming a deleted chat.
RTCSP-1227	The ProCall Client sporadically "hangs" when actions with 2 calls are executed by pressing a button. This could happen with calls, e.g. with 'End consultation' and 'Toggle', e.g. the first is hung up, the second is retrieved. The problem has been solved.

### 11.3. Known issues and limitations

#### Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)

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#### Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)

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#### Unify OpenScape Business: Connecting participants after a 3-way conference is not possible (RTCSP-1016)

The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 12. Update 6.4.1.2459

### 12.1. Modified and new functions

Reference	Description
PAIM-943	SIP federation optimizations for systems with many Users.
RTCSP-1266	Show media connection type: You can now see the information about connection type in the AV chat/softphone in the media tooltip of the conversation window and after ending the conversation in the client log.

### 12.2. Bug fixes and improvements

Reference	Description
PAC-273	A problem with hanging webservice sessions has been fixed. It could happen that webservice sessions remain "open" even though the user has no application open that accesses the interface. If users on the server are deactivated and activated, the session is closed and does not open anymore.
PAIM-1056	Potential SQL Injections found and fixed.
PAIM-1050	Fixed a problem that caused the UC-Server service to stop at high load.
PAIM-1037	The connection to the SIP proxy via MTLS only works if the UCServer has also opened a TCP Listen port. Previously only TCP ports were checked.
PAIM-1035	A problem with innovaphone IPVA that a presence comparison does not take place has been solved.
PAIM-1016	Journal entries were displayed repeatedly and sometimes several times: If entries from a certain period were to be displayed and these were displayed via "Further journal entries" (if more than 100 entries exist), then some entries were displayed more than once. With each further click on the button "Further Journal Entries" some entries were shown again. This problem has been fixed.
PAIM-1015	Various memory leaks were "closed".
PAIM-978	A problem with a memory leak in the chat database has been fixed. This leak only occurred when the chat database was switched off and the InMemory DB was used.
PAIM-959	A problem with a UC-Server crash when an "ac-tivity" comes over Federation without a certain attribute "token" has been fixed.
PAIM-942	If you sent a text chat message during an AV chat connection establishment, it was sent incorrectly via the INVITE dialog for the AV chat. This led to a timeout later in the process. The problem has been fixed.
RTCSP-1279	Problem "Lock" in UC-Server has been fixed

RTCSP-1269	With softphones, certain parameters are not always communicated reliably to the client when incoming calls are received. This problem has been fixed.
RTCSP-1249	Memory Leak in Kurento was "closed".
RTCSP-1227	Ein Fehler, dass der ProCall Client bei einer Telefonaktion „hängen“ bleibt wurde behoben
RTCSP-1225	A bug that the ProCall Client "hangs" during a phone action was fixed.
RTCSP-1220	Fixed a problem with Softphone client crashes under high load.
RTCSP-1201	Softphone: A problem with not finding the correct contact header when registering multiple times was fixed.
RTCSP-1185	There were occasional gymnastics errors with customers. The Web-Service setting in version 6.4 filters the TCP Candidates and does not switch to the so-called 'regular nomination mode' when receiving TCP Candidates. Thus the TCP feature is preserved and the problem is solved.
RTCSP-1155	During the query Transfer via SIP-Replaces the number was formatted wrong sometimes. This problem has been fixed.
SIX-2381	When upgrading from ProCall 5 to ProCall 6, a defective SQL database could occur (MS SQL). The problem has been fixed
UCCON-1059	A JSON error when querying the UCServer version if UCServer was not already connected was fixed.

## 12.3. Known issues and limitations

### Double conversation window when paired via Bluetooth (RTCSP-464, RTCSP-463)

If you use the iOS app and at the same time activate the Bluetooth integration, you will see the double faulty call window in the Windows client. Recommendation: Disable Bluetooth integration.

### Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

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#### Server components on Microsoft Windows client operating systems (SIX-1154)

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#### Limited docking capability for multiple monitors (SIX-1152)

When using multiple screens, it is only possible to dock the monitor at the outer edges of the entire area.

#### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

#### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
- Likewise, it is also not possible to dock the monitor
- Integration with Bluetooth cannot be used.

#### When copying chat content, several blank spaces precede each word (SIX-1102)

If a line is highlighted and copied in an open chat window, then 2 blank lines are copied in advance.

#### With the softphone, only the first CWE is loaded (SIX-878)

The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
- {{ConversationWindowURL3}}

#### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

#### Unify OpenScape Business: Connecting participants after a 3-way conference is not possible (RTCSP-1016)

The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 13. Update 6.4.0.2264

### 13.1. Modified and new functions

Reference	Description
RTCSP-1058	Jabra Speak 810 and 710 are now supported
RTCSP-1156	A softphone profile for Bintec elmeg be.IP Plus is now available in the UC server administration. "Please note the restrictions". <a href="https://www.estos.de/produkte/procall/softphone-funktionen-sip">https://www.estos.de/produkte/procall/softphone-funktionen-sip</a>
RTCSP-932	The softphone line group tab 'Media' allows the setting of the Opus co-dec at selected PBX 'n (not innovaphone and Alcatel OXO/OXE)

### 13.2. Bug fixes and improvements

Reference	Description
PAIM-815	A bug that caused the display of long text messages in the ProCall Journal to overlay the following elements has been fixed.
PAIM-781	Improved notification when adding and removing participants in group chats.
PAIM-722	A problem has been fixed where deleted chats were visible again in the Adroid app after a restart.
PAIM-485	After a client restart, the monitor reliably displays call forwarding settings again.
RTCSP-1157	Fixed a client crash that could occur during a location change.
RTCSP-1095	Problems with the display of the A subscriber number during a Pickup were fixed.
RTCSP-1091	A problem with call terminations after ~10 minutes in the softphone was fixed.
RTCSP-1090	The delay between answering the call and audio switching for incoming calls on the softphone has been minimized (DTLS handshake).
RTCSP-1079	A problem that could lead to a termination of a softphone call after 15min on the Alcatel OXO has been fixed.
RTCSP-1075	The mute status of the Jabra headsets Evolve 75 (microphone boom up and down) is now correctly interpreted by the Windows client.
RTCSP-1068	Incoming calls for unregistered clients now require less resources on the server.
RTCSP-1123	A problem (MX-One) where the A subscriber was held after a query transfer via SIP Replaces was fixed.

RTCSP-1011	An error which caused Busy on Busy to cause non-appearing calls when transferring a consultation call has been fixed.
SIX-2366	A problem with the time interval for replication in the EWS calendar replicator has been fixed.
SIX-2361 SIX-2360	The problem with UCServer crashes has been fixed.
SIX-2357	Incorrect translations in the settings dialog have been corrected.
SIX-2352	Mail client information in the info dialog has been adjusted
SIX-2351	IBM Notes path is not determined correctly. This has been fixed
SIX-2340	The problem of frequent client crashes when closing a MultiChat window has been fixed
SIX-2331	The selection of favorites has been improved.
SIX-2308	An error with the configuration of the MetaDirectory in the UC-Server administration was fixed.

## 13.3. Known issues and limitations

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#### Unify OpenScape Business: Connecting participants after a 3-way conference is not possible (RTCSP-1016)

The conference starter cannot connect the other two participants of the conference and thus leave the conference.

## 14. Update 6.3.2.2073

### 14.1. Modified and new functions

None.

### 14.2. Bug fixes and improvements

Reference	Description
PAIM-808	XMPP connection no longer possible after update to 6.3.2.2026
PAIM-744	XMPP Federation crashes when remote server is unavailable
PAIM-700	Name and contact picture of the chat partner were NOT displayed
PAC-262	User setting for notification "Missed calls" was not assumed
PAC-266	An exclamation mark indicator (overlay) should appear for agent groups for which the logon failed.
PAC-261	If the login to the ACD fails, the login dialog should be displayed instead of the error message.
PAC-255	ACD keys get lost for all users after service restart
PAC-206	ACD keys get lost when using Softclient
SIX-2336	UCServer service crashes because of Sip Federation
SIX-2335	Login does not check the set login mode in the UCServer.
SIX-2332	Calendar icon not correct after client start
SIX-2331	Sending a fax from the contact via right click was no longer possible
SIX-2321	Toolbar with matching emojis while typing in text Chat window does not disappear when sending with return key
SIX-2320	Opening the Emoji Toolbar with the appropriate input: Proposals could only be accepted with mouse and not with keyboard input
SIX-2318	Calls accepted by others are now also marked in blue in the contact-centered Journal view (Tab Journal)
SIX-2314	Colored emojis in the preview texts of the journal and scheduled views were only displayed monochrome
RTCSP-1055	After ending a call via the mobile line, the call window does not show the new "Call to".
RTCSP-1052	Softphone: On manually assigned numbers the destination number is not displayed (for pickup, transfer, etc.)
RTCSP-1043	With some SIP lines (AV) some registrations did not work.
RTCSP-1020	When connecting SIP provider "reventix", it has been noticed that the SIP line is not disconnected when the ext. subscriber terminates the call

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The conference starter cannot connect the other two participants of the conference and thus leave the conference.

#### ICE test tool no longer works since UConn conversion (RTCSP-889)

The STUN/TURN test will make a timeout error if many network addresses (e.g. IPv6) are present in the system. This is only a display problem and has no limitations if the system worked with 6.2 before.

## 15. Update 6.3.1.1941

### 15.1. Modified and new functions

None.

### 15.2. Bug fixes and improvements

Reference	Description
SIX-2312	The UCServer Monitor dialog was made changeable in the window size.
SIX-2307	Column "TLS available" in the UCServer administration at the MetaDirectory configuration is no longer displayed because there is no setting possibility.
SIX-2268	Improvement of the LockOutManagers
RTCSP-1021	Media Timeout (Windows-Client) after approx. 20 seconds when Video Chat is received from the mobile phone
RTCSP-1017	Softphone hangs up with MCU Error at certain remote terminal
RTCSP-1014	When the softphone headset is used as the Windows Standard Device, the Disconnect sound was played too loudly when the device was hang up.
RTCSP-1013	If the softphone was dialed from the Windows client and rang for a very long time (ringback state), the call could be aborted by "time-out of media negotiation".
RTCSP-967	If a user dials via softphone and immediately cancels the call, the call could be cancelled incompletely.
RTCSP-983	Sennheiser Headset: Remove participant from a 3-way conference returned wrong status
RTCSP-977	Fixed a problem with media server logs. These logs were constantly overwritten and no meaningful log file was created.
PAIM-722	Android: Deleted chats were still visible after a restart of the app.

### 15.3. Known issues and limitations

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The STUN/TURN test will make a timeout error if many network addresses (e.g. IPv6) are present in the system. This is only a display problem and has no limitations if the system worked with 6.2 before.

## 16. Update 6.3.1.1903

### 16.1. Modified and new functions

None

### 16.2. Bug fixes and improvements

Reference	Description
UCCON-890	A problem with the media server has been fixed.
UCCON-865	The configuration of the push service in the UCServer has been improved.
UCCON-834	A bug in the UCWeb interface has been fixed.
UCCON-703	The behavior of the UC server in case of connection problems to UC-Connect has been improved.
UCCON-650	Fixed a problem where a new person was not displayed in the UC-Connect account.
UCCON-586	The deletion of UC-Connect licenses in the UC Server Administration is now possible.
UCCON-355	The license display for Mobility Services and WCS is now only displayed when using UC-Connect.
SIX-23	The email templates for sending "Send journal entry by email" can now be configured via "MailJournalEntries.xslt".
SIX-2289	The security of admin passwords has been improved.
SIX-2278	A problem with the validation of LiveChat licenses has been fixed.
SIX-2274	All available languages can now be selected again during language selection in the Client Installer.
SIX-2268	The behavior of multiple false login attempts has been improved.
SIX-2264	Improved logging for UC server startup.
SIX-2263	CrashDump handling has been improved.
SIX-2249	Fixed a problem with live chat licenses associated with upgrade licenses.
SIX-2237	Improved the display of names in the search results list.
SIX-2236	A display error in the search result list has been fixed.
SIX-2235	A problem with empty Connection Id's in association with an Innovaphone PBX has been fixed.
SIX-2234	Fixed a bug where AD users without scheme extension could not be activated for UC.
SIX-2232	An error in the UC server when sending emails in case of an error has been fixed.

SIX-2230	An error that could cause the client to crash at startup has been fixed.
SIX-2226	Problems with the search node masks in the ProCall Windows client have been fixed.
SIX-2225	Pager numbers can now be displayed in the search result again.
SIX-2216	Fixed a problem where the ProCall Monitor was not automatically displayed after a restart.
SIX-2215	Log files are reliably displayed in the admin again.
SIX-2209	Problems with saving the column layout in the tab "Planned" have been fixed.
SIX-2194	An error with the translation in the dialog "CTI feature code" was fixed.
SIX-2189	Multiselect with CTRL in administrative monitor groups is now possible.
SIX-2186	The initial presence status is now correctly transferred to the ProCall Clients at startup.
SIX-2183	The sort order (by name, presence, etc.) can now be set for administrative groups.
SIX-2180	Additional call number fields from the AD can be displayed in ProCall.
SIX-2175	A problem has been fixed where the client no longer responds when searching for contacts.
SIX-2174	The "DNS Service Record" option is now available again in the workstation setup.
SIX-2173	Fixed a display issue in favorites when using Windows Server 2008 R2.
SIX-2167	A bug with the use of special characters in the description field of profiles in the UC server has been fixed.
SIX-2027	A problem with the Remote TSP when using the DNS service location record has been fixed.
SIX-1919	Fixed a problem where the Location page was no longer displayed in the server setup after installation.
SIX-1884	blocking of users from repeatedly entering a wrong password was improved.
SIX-1729	The description for the "Postprocessing" field in the Windows client has been improved.
SDPOH-80	The "Scheduled call" function now uses the set time zone.
SDPOH-67	A problem with the registration of mobile apps via LDAPs on the AD has been fixed.
SDPOH-60	The chat history can now be deleted automatically after X days.
SDPOH-155	A problem with admin passwords when updating the UC server has been fixed.

SDPOH-147	Entries that are no longer relevant have been removed from the help.
SDPOH-111	Translations in the UC Server.
SDPOH-110	Improvement of the upgrade process from PE 5.1 to PE 6.
SDPOH-101	The UC server now stores all date values in UTC.
SDPOH-100	The UC Server installation now displays DSGVO hint texts.
RTCSP-950	Problems with headsets from Sennheiser when used with the softphone have been fixed.
RTCSP-945	Fixed a problem in the Android app where the default line selection was reset when multiple lines with the same phone number exist.
RTCSP-942	Translation errors have been fixed.
RTCSP-937	Problems with sound quality in AVChat have been fixed.
RTCSP-918	Fixed a problem where the Android App sometimes could not terminate Softphone calls.
RTCSP-893	A bug which caused that after a "SIP Line State down" an outgoing vote was no longer possible was fixed.
RTCSP-883	A problem with the microphones of iPhone Xs devices has been fixed.
RTCSP-877 RTCSP-858	A headset problem with outgoing calls has been fixed.
RTCSP-873	The "Automatic Gain Control" can now also be deactivated.
RTCSP-855	The screen of Adroid devices is now locked during a softphone call.
RTCSP-853	The port range for WebRTC can now be fixed.
RTCSP-852	AD schema extension must now be installed on the schema master.
RTCSP-839	Asterisk-based telephone systems are supported.
RTCSP-831	When a call is diverted, the caller will now display correct at the target subscriber.
RTCSP-825	Fixed a problem where the Android app did not display Favorite Contacts after an update.
RTCSP-784	In the Android app, the user can now configure the default behavior for outgoing dialing.
RTCSP-783	In the Android app the line names can now be changed locally.
RTCSP-782	In the iOS App the line names can now be changed locally.
RTCSP-769	The Windows client now also supports WebRTC over TCP.
RTCSP-752	Fixed a problem where Jabra headsets would show Hold after a Consultation Transfer.
RTCSP-728	It is now possible to select an audio device for signalling (beeps) in the Windows client.
RTCSP-713	Sip login to Asterisk-based telephone systems has been improved.

RTCSP-672	Fixed a problem that could cause the media server to crash.
RTCSP-618	A call diversion can now be defined via the UC server in case the user is not logged in.
RTCSP-134	Improvement of the call window (SIP) "Forwarded from...".
PAIM-92	iOS: Individual messages in the chat can now be deleted.
PAIM-85	Mac: The chat history can now be deleted.
PAIM-691	A bug that could lead to a server crash when setting call forwarding via mobile apps (no matter TAPI or softphone) has been fixed.
PAIM-689	The logging of the EWS calendar replicator has been improved.
PAIM-683	A problem connecting the EWS Calendar Replicator to the UCServer has been fixed.
PAIM-651	When creating a new presence profile in the Windows Client, the "Duration" field is available again.
PAIM-650	Presence profiles can be deleted again.
PAIM-628	iOS: With "Add contact" the permission level "personal" can now be reset again
PAIM-608	Fixed a problem with contact information content that could cause the Windows Client to crash.
PAIM-603	A TAPI call can now also be triggered from a chat window.
PAIM-593	Adjustments of the delete function of chat messages in the Windows client.
PAIM-568	iOS: By clicking on the name of the chat partner his contact details will be displayed.
PAIM-563	A problem which led to a faulty presence due to not cleared registrations was fixed.
PAIM-557	iOS: The chat does not work anymore if there is no connection to the server.
PAIM-539	The presence status in the Procall Client is now displayed correctly again.
PAIM-523	Mac: The automatic update check is operational again.
PAIM-5	In the presence profile, the "To" display was removed.
PAIM-485	GS-269980: Fixed a problem where the monitor would not display call forwarding after restarting the client.
PAIM-466	iOS: Fixed a problem where two different contact detail pages were displayed.
PAIM-458	iOS: UI glitches on favorites during app startup have been fixed.
PAIM-457	Mac/iOS: Disabling the certificate query is now possible.

PAIM-456	iOS: The last list objects in the Favorites and Journal are now visible again.
PAIM-451	Mac: Adding contacts to Address Book is now possible again.
PAIM-422	Fixed a problem with incorrect display of chat messages.
PAIM-416	iOS: The group name can now be changed after selecting the participants.
PAIM-413	iOS: A problem causing the app to hang during startup has been fixed.
PAIM-411	A problem that causes a journal entry to be created in DATEV Telefonie Pro when the handset is lifted has been fixed.
PAIM-383	It is now possible to select the duration for setting/editing presence profiles.
PAIM-28	Chat messages can now be deleted.
PAIM-122	Mac: GS-265355: Fixed a problem with the update service.
IXI-3373	Texts in the schema extension setup have been improved.
FIVE-3207	A problem with opening automatically created lines has been fixed.
FIVE-3203	A ClientCrash by using "%" in the SuppliedDatabases Registry Key was fixed.
CTIPBX-44	Fixed a problem where the UCserver could not open any (TAPI) lines when the NEC software was running.
CTIPBX-42	An error where a warning message was displayed that a line was assigned multiple times even though line binding was deactivated was fixed.
CTIPBX-11	An error when starting a second call via the ProCall main window using Innovaphone and Cisco TAPI drivers has been fixed.

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If a line is highlighted and copied in an open chat window, then 2 blank lines are copied in advance.

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The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
- {{ConversationWindowURL3}}

#### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

## 17. Update 6.2.8.1897

### Security Advice

This update fixes a medium security vulnerability (CVSS score 6.4).

Reference	SIX-2289
Affected Versions	6.1.0.526, 6.1.1.667, 6.1.1.730, 6.2.0.1055, 6.2.1.1159, 6.2.2.1260, 6.2.3.1357, 6.2.4.1484, 6.2.5.1575, 6.2.6.1673, 6.2.7.1873
Fixed Versions	6.2.8.1897
CVSS v3 Vector	<a href="#">AV:A/AC:H/PR:H/UI:N/S:U/C:H/I:H/A:H</a>
Summary	When storing the administrator password, the UCServer only considered the first half of the string. Thus it was possible to access the administration of the UCServer with the first half and the number of characters of the password.
Recommendation	estos recommends to update to the latest version of ProCall Enterprise (6.2.8.1897).

### 17.1. Modified and new functions

None.

### 17.2. Bug fixes and improvements

Referenz	Beschreibung
SIX-2289	Fixed a bug when saving the admin password
RTCSP-966	Fixed codec negotiation errors during softphone conversations

### 17.3. Known issues and limitations

#### Double conversation window when paired via Bluetooth (RTCSP-464, RTCSP-463)

If you use the iOS app and at the same time activate the Bluetooth integration, you will see the double faulty call window in the Windows client. Recommendation: Disable Bluetooth integration.

#### Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

#### Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)

If the UCServer is installed on 64-bit architecture, ensure that no 32-bit Access Database Engine driver is installed in the system. The problem usually occurs when Office 32-bit is installed on the system or is subsequently installed.

The 64-bit Access Database Engine installation file can be found in the subdirectory "Supportfiles" of the UCServer installation directory (normally C:\Program Files\es-tos\UCServer).

#### Server components on Microsoft Windows client operating systems (SIX-1154)

The number of connections to a client operating system is limited by the Microsoft EULA. Before you install the UC server on a client operating system, make sure that the number of connections is not exceeded (multiple network connections).

Microsoft license terms: <http://www.microsoft.com/de-de/useterms/>

#### Limited docking capability for multiple monitors (SIX-1152)

When using multiple screens, it is only possible to dock the monitor at the outer edges of the entire area.

#### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

#### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
- Likewise, it is also not possible to dock the monitor
- Integration with Bluetooth cannot be used.

#### When copying chat content, several blank spaces precede each word (SIX-1102)

If a line is highlighted and copied in an open chat window, then 2 blank lines are copied in advance.

#### With the softphone, only the first CWE is loaded (SIX-878)

The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
- {{ConversationWindowURL3}}

### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

## 18. Update 6.2.7.1873

### 18.1. Modified and new functions

None.

### 18.2. Bug fixes and improvements

Referenz	Beschreibung
PAIM-683	EWS calendar cannot connect to UCServer because of UCServer Admin Password
SDPOH-147	Offline Journal active
SIX-2274	Client Installation: was only German/English selectable
PAIM-563	server: Incorrect presence due to uncleaned logins
SIX-2278	When dragging a LiveChat license an unknown error occurs
SIX-2273	Fixed licenses problem
RTCSP-893	If SIP Line State is down, you may not be able to call it out afterwards
RTCSP-898	Plantronics Hub 3.13.0 Call control not possible (fixed with Plantronics HUB 3.13.1)

### 18.3. Known issues and limitations

#### Double conversation window when paired via Bluetooth (RTCSP-464, RTCSP-463)

If you use the iOS app and at the same time activate the Bluetooth integration, you will see the double faulty call window in the Windows client. Recommendation: Disable Bluetooth integration.

#### Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

#### Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)

If the UCServer is installed on 64-bit architecture, ensure that no 32-bit Access Database Engine driver is installed in the system. The problem usually occurs when Office 32-bit is installed on the system or is subsequently installed.

The 64-bit Access Database Engine installation file can be found in the subdirectory "Supportfiles" of the UCServer installation directory (normally C:\Program Files\es-tos\UCServer).

#### Server components on Microsoft Windows client operating systems (SIX-1154)

The number of connections to a client operating system is limited by the Microsoft EULA. Before you install the UC server on a client operating system, make sure that the number of connections is not exceeded (multiple network connections).

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#### Limited docking capability for multiple monitors (SIX-1152)

When using multiple screens, it is only possible to dock the monitor at the outer edges of the entire area.

#### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

#### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
- Likewise, it is also not possible to dock the monitor
- Integration with Bluetooth cannot be used.

#### When copying chat content, several blank spaces precede each word (SIX-1102)

If a line is highlighted and copied in an open chat window, then 2 blank lines are copied in advance.

#### With the softphone, only the first CWE is loaded (SIX-878)

The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
- {{ConversationWindowURL3}}

#### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

## 19. Update 6.2.6.1673

### 19.1. Modified and new functions

None.

### 19.2. Bug fixes and improvements

Referenz	Beschreibung
SIX-1591	Mreplicator: A problem with very slow replication of ADs with very many groups has been fixed.
RTCSP-898	With Plantronics Hub 3.13.1 call control is possible again.
RTCSP-893	A problem where no outgoing calls were possible after a "SIP Line State down" was fixed.
RTCSP-887	A "reallocation" error that could cause a crash has been fixed.
RTCSP-752	Fixed a problem that caused Jabra headsets to display Hold after a Consultation Transfer.
RTCSP-615	It is no longer possible to set a call diversion to itself.
PAC-196	Errors in the server help were corrected.
CTIPBX-44	Fixed a problem where the UCserver could not open (TAPI) lines when running NEC software.
CDAS-102	The EWS connection of the ProCall Client has been improved (GS-272976)

### 19.3. Known issues and limitations

#### Double conversation window when paired via Bluetooth (RTCSP-464, RTCSP-463)

If you use the iOS app and at the same time activate the Bluetooth integration, you will see the double faulty call window in the Windows client. Recommendation: Disable Bluetooth integration.

#### Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

#### Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)

If the UCServer is installed on 64-bit architecture, ensure that no 32-bit Access Database Engine driver is installed in the system. The problem usually occurs when Office 32-bit is installed on the system or is subsequently installed.

The 64-bit Access Database Engine installation file can be found in the subdirectory "Supportfiles" of the UCServer installation directory (normally C:\Program Files\es-tos\UCServer).

### Server components on Microsoft Windows client operating systems (SIX-1154)

The number of connections to a client operating system is limited by the Microsoft EULA. Before you install the UC server on a client operating system, make sure that the number of connections is not exceeded (multiple network connections).

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### Limited docking capability for multiple monitors (SIX-1152)

When using multiple screens, it is only possible to dock the monitor at the outer edges of the entire area.

### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
- Likewise, it is also not possible to dock the monitor
- Integration with Bluetooth cannot be used.

### When copying chat content, several blank spaces precede each word (SIX-1102)

If a line is highlighted and copied in an open chat window, then 2 blank lines are copied in advance.

### With the softphone, only the first CWE is loaded (SIX-878)

The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
- {{ConversationWindowURL3}}

### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

## 20. Update 6.2.5.1575

### 20.1. Modified and new functions

None.

### 20.2. Bug fixes and improvements

Referenz	Beschreibung
SIX-2249	Issues with live chat trial licenses have been fixed.
RTCSP-877	A headset problem with outgoing calls that are accepted immediately without ringing has been fixed.
RTCSP-873	The Automatic Gain Control can now be deactivated with a RegKey.
RTCSP-862	A problem with DTMF dialing has been fixed.
RTCSP-858	Audio stream setup has been accelerated to fix problems with calls to conference systems.
PAIM-488	A problem with line breaks in the function "Send journal entry by e-mail" has been fixed.
PAIM-100	A "JS syntax error" that could lead to empty chat windows has been fixed.
PAC-135	The displayed user fields/columns in the overview of UC server users in the UC server administration can now be configured.

### 20.3. Known issues and limitations

#### Double conversation window when paired via Bluetooth (RTCSP-464, RTCSP-463)

If you use the iOS app and at the same time activate the Bluetooth integration, you will see the double faulty call window in the Windows client. Recommendation: Disable Bluetooth integration.

#### Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

#### Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)

If the UCServer is installed on 64-bit architecture, ensure that no 32-bit Access Database Engine driver is installed in the system. The problem usually occurs when Office 32-bit is installed on the system or is subsequently installed.

The 64-bit Access Database Engine installation file can be found in the subdirectory "Supportfiles" of the UCServer installation directory (normally C:\Program Files\es-tos\UCServer).

### Server components on Microsoft Windows client operating systems (SIX-1154)

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### Limited docking capability for multiple monitors (SIX-1152)

When using multiple screens, it is only possible to dock the monitor at the outer edges of the entire area.

### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
- Likewise, it is also not possible to dock the monitor
- Integration with Bluetooth cannot be used.

### When copying chat content, several blank spaces precede each word (SIX-1102)

If a line is highlighted and copied in an open chat window, then 2 blank lines are copied in advance.

### With the softphone, only the first CWE is loaded (SIX-878)

The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
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### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

## 21. Update 6.2.4.1484

### 21.1. Modified and new functions

None.

### 21.2. Bug fixes and improvements

Referenz	Beschreibung
SIX-2238	The configuration of the display format of the display name in ProCall Client works correctly again.
SIX-2235	A problem with an empty Connected ID on Innovaphone PBX has been fixed.
SIX-2205	The favorites tab is displayed reliably again.
SDPOH-109	An error when deleting the Offline Journal via rule in the UCServer has been fixed.
RTCSP-850	Coding issues in the Feature Codes context menu in the client have been fixed.
RTCSP-809	Fixed a problem with Caller ID on Softphone calls.
RTCSP-768	If authorization is not granted, calls via the softphone and via TAPI in ActiveContact no longer behave differently.
RTCSP-751	The function "Request screen approval" now works even if no AV device is connected.

### 21.3. Known issues and limitations

#### Double conversation window when paired via Bluetooth (RTCSP-464, RTCSP-463)

If you use the iOS app and at the same time activate the Bluetooth integration, you will see the double faulty call window in the Windows client. Recommendation: Disable Bluetooth integration.

#### Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

#### Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)

If the UCServer is installed on 64-bit architecture, ensure that no 32-bit Access Database Engine driver is installed in the system. The problem usually occurs when Office 32-bit is installed on the system or is subsequently installed.

The 64-bit Access Database Engine installation file can be found in the subdirectory "Supportfiles" of the UCServer installation directory (normally C:\Program Files\es-tos\UCServer).

#### Server components on Microsoft Windows client operating systems (SIX-1154)

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#### Limited docking capability for multiple monitors (SIX-1152)

When using multiple screens, it is only possible to dock the monitor at the outer edges of the entire area.

#### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

#### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
- Likewise, it is also not possible to dock the monitor
- Integration with Bluetooth cannot be used.

#### When copying chat content, several blank spaces precede each word (SIX-1102)

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#### With the softphone, only the first CWE is loaded (SIX-878)

The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
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#### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

## 22. Update 6.2.3.1357

### 22.1. Modified and new functions

#### Softphone

- For Asterisk (Beta) the SIP REFER now includes the contact (RTCSP-802)

### 22.2. Bug fixes and improvements

Referenz	Beschreibung
SDPOH-110	When upgrading from PE 5.1.30.742 to PE 6.2.1.1159, the Access Database Engine x64 is not installed.
PAIM-399	ProCall for Windows does not start when certain special characters are used in Outlook
SIX-2230	Crash ProCall for Windows fixed

### 22.3. Known issues and limitations

#### Double conversation window when paired via Bluetooth (RTCSP-464, RTCSP-463)

If you use the iOS app and at the same time activate the Bluetooth integration, you will see the double faulty call window in the Windows client. Recommendation: Disable Bluetooth integration.

#### Connecting the UCServers to UCConnect via a web proxy is not possible (UCCON-213)

If the UCServer is used behind a web proxy, the connection to UCConnect is not possible.

#### Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)

If the UCServer is installed on 64-bit architecture, ensure that no 32-bit Access Database Engine driver is installed in the system. The problem usually occurs when Office 32-bit is installed on the system or is subsequently installed.

The 64-bit Access Database Engine installation file can be found in the subdirectory "Supportfiles" of the UCServer installation directory (normally C:\Program Files\es-tos\UCServer).

#### Server components on Microsoft Windows client operating systems (SIX-1154)

The number of connections to a client operating system is limited by the Microsoft EULA. Before you install the UC server on a client operating system, make sure that the number of connections is not exceeded (multiple network connections).

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#### Limited docking capability for multiple monitors (SIX-1152)

When using multiple screens, it is only possible to dock the monitor at the outer edges of the entire area.

#### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

#### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons
- Likewise, it is also not possible to dock the monitor
- Integration with Bluetooth cannot be used.

#### When copying chat content, several blank spaces precede each word (SIX-1102)

If a line is highlighted and copied in an open chat window, then 2 blank lines are copied in advance.

#### With the softphone, only the first CWE is loaded (SIX-878)

The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
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#### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

## 23. Update 6.2.2.1260

### 23.1. Modified and new functions

#### Softphone

- In case the SIP registration and extension differ, the phone number can now be assigned manually (RTCSP-747).

#### Administration

- To simplify the administration of users in the UCServer, additional contact fields can be displayed as columns in the user overview of the UCServer administration and sorted by them (PAC-135).

### 23.2. Bug fixes and improvements

Reference	Summary
CTIPBX-25	Delays when setting cross-device call protection at the terminal device.
CTIPBX-26	The start/stop of wrap up does not work.
CTIPBX-29	A modified do not disturb modifies (deletes) call forwarding if call forwarding has been deactivated on the server side.
FIVE-3167	Different behavior between directly incoming and calls via ICD groups when using Microsoft Outlook.
PAC-160	The order of the observer groups is discarded on client restart.
PAC-170	Administrative favorites/monitor groups can no longer be sorted
PAC-172	The position of the (administrative) groups in the monitor is not saved.
PAIM-100	The chat doesn't work anymore (JavaScript syntax error)
RTCSP-691	PJSIP at Asterisk expects a contact in referendum
SDPOH-103	UCServer crashes at startup if eucwebconfig.json contains 0 bytes
SIX-2217	Using DNS Service Record in the workstation setup displays an error message at "Next" and it does not go any further

## 24. Update 6.2.1.1159

### 24.1. Modified and new functions

#### Softphone

- Alcatel OmniPCX Enterprise: Forwarding after call has been answered is now possible via SIP 302.
- When picking up by feature code, the caller's phone number is now also displayed.

### 24.2. Bug fixes and improvements

Reference	Summary
FIVE-3203	Crash of ProCall Enterprise for Windows Client
RTCSP-707	A desktop sharing session cannot be started from a client that is not suitable for audio/video chats.
RTCSP-660	"Remove from conference" does not work
RTCSP-567	Contact search in phonebook of connected phone does not work
RTCSP-709	Screen sharing does not work when "Softphone, AudioChat" is disabled
RTCSP-610	Client crashes during softphone calls
SDPOH-99	Windows authentication with SQL server connection does not work
LC-717	TAPI and softphone presence is no longer correctly displayed in contact portal/business card
RTCSP-742	ProCall Enterprise for Windows Client Crash on Incoming Call

## 25. Update 6.2.0.1055

### 25.1. Behobene Fehler, Probleme und Feature

ID	Thema
SIX-2151	Opening the emoji popup in the chat window has been accelerated.
SIX-2149	DPI issues in the workplace setup have been fixed.
SIX-2146	Problems with the functions Size, Move, Maximize and Restore in the system menu of the chat window have been fixed.
SIX-2145	A problem where the AVChat has suddenly switched to a maximized window in full screen mode has been fixed.
SIX-2144	The behavior of the Drag & Drop preview image has been improved.
SIX-2141	The contact tagging indicator now scales based on DPI.
SIX-2140	The insert marker in the Favorites list now scales based on DPI.
SIX-2139	The Expand / Collapse symbols now scale DPI-dependent.
SIX-2121	For a one-line favorites view, contacts with "&", "<" or ">" in the display name are displayed correctly again.
SIX-2117	A problem with the change of phone numbers at the ActiveContacts has been fixed.
SIX-2114	The note flag and the note text are now consistent.
SIX-2109	Fixed an issue where Hold - Retrieve shows another call in the conversation window.
SIX-2087	The sort order of the lines in the Me area is now consistent.
SIX-2086	An issue where the Favorites tab was not displayed after an update has been fixed.
SIX-2083	Issues with actions that access redirection profiles (forward-profiles.xml) when creating have been resolved.
SIX-2082	The administrative configuration for displaying missed chats has been added.
SIX-2073	Readme file has been adjusted.
SIX-2072	Error messages on TAPI lines in UCServer Admin have been revised.
SIX-2071	An error in the Outlook configuration after Sleep / Hibernate has been fixed.
SIX-1742	Problems with delayed voice connection via softphone have been resolved.
SIX-1599	Improvements to database security.
SIX-1396	Implementation for Jabra headsets
SDPOH-65	A problem where users disabled in AD are not shown as disabled in PE 6 has been resolved.
SDPOH-64	Improvement of the performance of the chat database.
SDPOH-61	Improvement of the Performance of the mobile PushService.
SDPOH-53	A problem that caused the UCServer to crash has been fixed.
RTCSP-654	Merge call by SIP softphone does not work if "Swap" is executed before "Merge".

RTCSP-646	A problem where call forwarding of an external call to external fails with a MiVoice 400 has been fixed.
RTCSP-644	The incorrect setting of a double call forwarding on a MiVoice 400 has been corrected.
RTCSP-641	Forwarding (302 Removed Temporarily) for the Alcatel OXE and OXO is supported.
RTCSP-640	Forwarding without answering on a Unify OpenScape 4000 is supported.
RTCSP-612	Fixed a problem where a call could no longer be placed through the apps.
RTCSP-608	An error that prevents the SIP call from being terminated has been fixed.
RTCSP-598	An outgoing choice on faulty / unavailable SIP line is no longer possible.
RTCSP-593	Improvement of "Call Waiting" behavior when using the softphone.
RTCSP-577	Line Group Settings 'CTI Functions' are now also available on the Softphone.
RTCSP-554	Improved display for incoming calls in the mobile app.
RTCSP-535	Resolved: UC Pro android client fails to connect STUN/TURN.
RTCSP-496	Switchable message to PBX if client is not logged in.
RTCSP-471	A problem where no DTMF tones were transmitted at Auerswald PBXs has been resolved.
RTCSP-357	The initialization of lines can now be optionally delayed.
RTCSP-241	Call diversion can now also be set on SIP lines.
RTCSP-168	Improvement of the behavior of forwarding and consultation in the case of a second call in the conversation window.
RTCSP-129	"Busy-on-Busy" or call-waiting protection for Softphone and AVChat has been integrated.
PAIM-4	An error where the windows client's chat window shows no messages and stays white has been fixed.
CDAS-49	Sending SMS to Slovak mobile numbers is now possible.

## 26. Update 6.1.0.526

### 26.1. Fixed bugs, problems and new feature

ID	Thema
SIX-2020	ENetTSC does NOT work with dynamic binding (jScript)
SIX-2012	Consultation dialog opens in the background
SIX-2011	Google integration without entering ClientID and key shows empty error message in Admin
SIX-2004	Trial licenses may only be taken if there are no regular licenses
SIX-2003	Small support improvement - open logfile folder directly from the admin
SIX-2001	Improvement: "Reinit" in the log file saves long searches.
SIX-1997	With a high DPI setting (eg 200%), the text "Startup ..." will be truncated in the splash screen
SIX-1995	Icon to "Mark all as read" in the Unprocessed tab is too small with 200% DPI
SIX-1994	Arrow button right in ACD control bar is not scaled according to DPI settings
SIX-1993	OEM header area in the About dialog as well as in the Wizards (eg AV Wizard, Database Wizard) are not DPI-aware
SIX-1988	Button "Smiley" is cut with English client with 200% DPI
SIX-1987	List CrashDump level in the info dialog
SIX-1982	Missing DPI scaling on VideoChat video window
SIX-1979	ODBC: Display Connection Error in UI (Data Source Settings Page)
SIX-1976	Menu presentation error on ending conference (hang up) and start group chat
SIX-1973	The Logon Account command does not bring the open logon dialog to the foreground, but triggers a client connect
SIX-1972	If I send DTMF by keyboard(US, Japanese, etc.), DTMF is not correctly sent.
SIX-1970	EClientContentXML not thread-safe
SIX-1969	XML code in favorite and monitor contacts, if a contact field (eg company name) contains a line break and then a &, <or>.
SIX-1964	Agent persistence stops working
SIX-1960	6.1: Digest Authentication stops working / mobile clients can no longer log in
SIX-1958	If the DPI is higher than 100% (> 96DPI), the contact image in the result list will not be displayed if the presence lamp is "small"
SIX-1957	With standard resolution 100% (= 96dpi) missing the "x" icon in "Pro-Call quit"
SIX-1955	Workplace setup can not be completed without admin rights if the right "Offline mail" is set but no email address exists
SIX-1953	One-line display in the monitor and favorites does not display all parts of a call info.

SIX-1949	Group Leader permissions do not work in 6.0.21 and 6.1.0. any-more
SIX-1942	Button "Create chat room" is offered in the chat window, even if there is no server connection
SIX-1941	The dates are not adjusted in the contact-centered journal view overnight
SIX-1938	Keep the right margin for text in buttons in the conversation window
SIX-1929	Deadlock in SipProxy
SIX-1928	Layout displaced
SIX-1926	Versioning of the broadcast response protocol
SIX-1920	Cut off text in English language
SIX-1914	TextChat window disappears after receiving a message after the timeout set for the call window
SIX-1909	Sending DTMF often fails.
SIX-1907	It is not possible to complete the location in contact-centered view for calls without contact assignment,
SIX-1900	Set Account Lockout Policies
SIX-1895	UCServer administration shows wrong server name in window
SIX-1892	ProCall client crashes on call with suppressed phone number on Softphone line with disabled AV devices
SIX-1891	Dial delay for button click only configurable on callback and delay time
SIX-1889	phone handler to open a contact does not work if an EntryID of the contact contains a ":"
SIX-1882	Multi User Chat - No update of the participant list after re-entry into the chat
SIX-1880	I can not login with a newly created user with Mobile client.
SIX-1877	Sound when closing the client is only played very briefly
SIX-1876	No ringing tone for Incoming group call on TAPI and Softphone line when the AV devices are disabled
SIX-1870	Distinguish icon for action filter "No match" more clearly
SIX-1858	A ConversationWindowMessage (chat-only) will NEVER initially show an extension
SIX-1857	Old version of web components is used, there are risks to be attacked based on well-known vulnerability.
SIX-1855	In the English version an incorrect text in UCWeb's appconfig will be displayed
SIX-1827	Bad behavior when specifying o instead of 0
SIX-1823	GS-254660: no media stream following the CONNECT
SIX-1820	SQLite support for UCServer databases
SIX-1816	ClientPersistence Store needs to reconnect to MSSQL server database (reconnect)
SIX-1804	EWS: Edit contact / open contact folder from Public Folder does not work

SIX-1792	Display name in TextChat notifications is missing
SIX-1786	Tab layout in the main window and monitor is reset at server re-connect
SIX-1778	ConversationWindowURLs overlap in the client
SIX-1774	Sometimes, the client does not login to UC Server when the client returns from PC sleep mode.
SIX-1768	In the favorites contact, the XML code appears if the Federation contact contains a "&" in the company name
SIX-1730	German language "Kontaktportal Group" remains on en-US version.
SIX-1690	Azure SQL support
SIX-1654	SIX-1647 Optimize scroll position in ChatControl after resizing the chat window
SIX-1653	SIX-1647 Grouping of self-written messages sometimes fails in ChatControl, times are not updated
SIX-1603	Prevent multiple invalid logon attempts in succession
SIX-1599	Possibility to be influenced by SQL Injection
SIX-1536	Customer Bug: Problems with Bluetooth driver installation
SIX-1532	Incorrect public presence associated with ACD Group
SIX-1515	Display security warning if no administrator password is assigned.
SIX-1492	Customer Bug: "Use apps: inactive" is not working
SIX-1204	Update installation status: Incorrect date displayed for "last logged in"
SIX-599	Assign number from journal entry to an existing Outlook contact
SIX-546	Scroll behavior in chat history
SIX-72	Reworking the Chat - new Interface – new functions
SIX-23	The contents of the e-mail templates can be changed before sending "Send journal entry by e-mail"
SDPOH-45	Customer Bug: UCServer service crashed for no apparent reason
SDPOH-33	Update to new API of external Turn/Stun provider xirsys.com
SDPOH-30	UC Server Installation - Admin password is a mandatory field
RTCSP-558	Client installs update despite AV / Softphone / Video Call
RTCSP-556	Call Pick up via FeatureCode
RTCSP-550	Crash on Timer when WebRTC client is already removed
RTCSP-547	Help add for pcap trace
RTCSP-544	BluetoothHandsfree driver is not installed via Setting / Telephony / Bluetooth "Driver Install ..". Only the service (service) is registered.
RTCSP-543	Adaptation UCServer for UCConnect
RTCSP-539	RTCSP-190 Set Call Forwarding via FeatureCode (for SIP Lines) - Windows
RTCSP-537	First time muting the microphone does not work (Logitech)
RTCSP-534	Deleting a softphone line group may not remove the SIP registration
RTCSP-510	ProCall Windows crashes when changing media streams

RTCSP-506	SIP call to a registered but not active SIP connection creates duplicate journal entry
RTCSP-492	When softphone line down, no tooltip comes with Linestate (Win)
RTCSP-489	Bluetooth offline journal - dialed out (dialed) calls are displayed as "Not Connected"
RTCSP-485	Second call is rejected by UCServer with "Decline"
RTCSP-484	Reject call on Alcatel OXE is not supported
RTCSP-483	Call diversion to a SIP line
RTCSP-469	Editing a copied key changes the original
RTCSP-466	ASN to SIP Cause Mapping simplified
RTCSP-461	OXE - after forwarding on a SIP line the call is gone
RTCSP-459	Forward without answering - SIPLines dead
RTCSP-411	Call window does not fade on forwarding
RTCSP-405	Match the Softphone conversation window to the Conversation-Window (CallControl)
RTCSP-341	Forward, then hold - call ended
RTCSP-309	Display "no connection" at conference
RTCSP-306	Create pcap trace per SIP line
RTCSP-287	Display entered digits in the DTMF window
RTCSP-260	When using SIP client, if transfer destination is busy, client hears busy tone and the voice of talking party at the same time.
RTCSP-256	Avoid hold collision
RTCSP-252	Customized Digest Authentication
RTCSP-250	DropCall event is not sent to all participants when client gets a call in background and rejects it (Server Ticket)
RTCSP-244	RTCSP-221 – Set codec in the media server for each SIP PBX
RTCSP-205	Add server trace to see global vs. specific call reject
RTCSP-199	RTCSP-190 Call diversion for SIP-Phone set via FeatureCode
RTCSP-177	Please change PBX model name from "KX-NS1000" to "KX-NS"
RTCSP-171	Checking the connected PBX
RTCSP-167	Reject call not supported with IPO
RTCSP-166	Please remove other vendor's PBX models from Linesource SIPAV screen
RTCSP-157	OXO - Do not offer forwarding after answering
RTCSP-144	SIP AV state stays unnecessarily long on "Trying" due to "No path to destination"
RTCSP-128	Login SIP-Line to Avaya IP Office
RTCSP-104	Monodirectional audio after unhold (Innovaphone)
RTCSP-102	SIP lines are not properly initialized until the server is restarted
RTCSP-99	Attackers can execute operation by parameter tampering even though they have NO authority
RTCSP-95	Softphone Call on redirected number stops at 302 (Mitel 400)
RTCSP-88	wrong display in the SIP call window with UNK forwarded
RTCSP-76	Improve SIP Reject Cause on inactive devices

RTCSP-63	Contact search in the mobile phone via Bluetooth formats name incorrectly (adds additional "\"")
RTCSP-59	No sound after forward on MiTel phone
PCMNG-1066	All clients: First launching screen of Mobile App. should show server information input area.

## 27. Update 6.0.23.362

### 27.1. Fixed bugs and problems

ID	Summary
<a href="#">SIX-1823</a>	GS-254660: no media stream after the CONNECT
<a href="#">RTCSP-528</a>	During call "Consultation" in the Line-Context Menu for Panasonic PBX
<a href="#">RTCSP-493</a>	CLONE - UCServer service stooped suddenly.
<a href="#">RTCSP-102</a>	SIP lines are not properly initialized until the server is restarted

## 28. Update 6.0.23.353

### 28.1. Fixed bugs and problems

ID	Summary
<a href="#">SIX-1920</a>	Truncated text in English
<a href="#">SIX-1910</a>	When I talk to the SIP softphone function, when I hold the other party, the "Transfer" button appears (does not work).
<a href="#">SIX-1905</a>	UC server service suddenly terminated.
<a href="#">SIX-1774</a>	Sometimes the UC client does not log on to the UC server when the client returns from PC hibernation.
<a href="#">RTCSP-503</a>	Register time too long
<a href="#">RTCSP-495</a>	Disable OPUS for Panasonic PBX
<a href="#">RTCSP-492</a>	When Softphone Line down, no tooltip with Linestate (Win)
<a href="#">RTCSP-481</a>	CLONE - When I talk to the SIP softphone function, when I hold the other party, the "Transfer" button appears.
<a href="#">RTCSP-158</a>	Change media server to standard G.711

### 28.2. Postponed

Key	Summary
<a href="#">SIX-371</a>	Testing XMPP interoperability with IBM Sametime and Cisco Jabber
<a href="#">RTCSP-49</a>	Softphone: No 'Reject' button in 'Call Waiting' state, etc. of a CTI line

## 29. Update 6.0.22.324

### 29.1. Fixed bugs and problems

Key	Summary
<a href="#">SIX-1900</a>	Define Account Blocking Guidelines
<a href="#">SIX-1892</a>	ProCall client crashes on call with suppressed number on softphone line with deactivated AV devices
<a href="#">SIX-1885</a>	License does not become active.
<a href="#">SIX-1882</a>	Multiuser Chat - No update of the participant list after re-entry into the chat
<a href="#">SIX-1880</a>	I can not login with a newly created user with Mobile client.
<a href="#">SIX-1878</a>	Update of the OSS List for ProCall 6
<a href="#">SIX-1786</a>	Tab layout in main window and monitor is reset with server reconnect
<a href="#">SIX-1655</a>	SIX-1647 double date grouping when chat room is renamed
<a href="#">SIX-1326</a>	Upgrade can be performed although it does not work/is not supported
<a href="#">RTCSP-527</a>	Sennheiser Jabra SDK - Hide hints for 6.0
<a href="#">RTCSP-490</a>	iOS Call Kit: incoming A/V call continues ringing
<a href="#">RTCSP-473</a>	Dropping forked calls fails if using Push Devices
<a href="#">RTCSP-411</a>	CallWindow does not fade out on forwarding
<a href="#">RTCSP-254</a>	OEM: Logo has wrong format
<a href="#">RTCSP-250</a>	DropCall event is not sent to all participants when client gets a call in background and rejects it (Server Ticket)
<a href="#">RTCSP-205</a>	Add server trace to see global vs. specific call reject
<a href="#">RTCSP-156</a>	no dial tone on headset
<a href="#">RTCSP-144</a>	SIP AV state remains unnecessarily long on "Trying" after "No path to destination" (destination unknown)
<a href="#">RTCSP-78</a>	No signal for callers if Sip-Line is not logged in
<a href="#">RTCSP-76</a>	Improve SIP Reject Cause on inactive devices
<a href="#">FIVE-3180</a>	Outlook Addin Logs are always written
<a href="#">FIVE-3057</a>	Customer bug: Client settings of DATEV integration are not saved

## 30. Update 6.0.21.272

### 30.1. Fixed bugs and problems

No.	Summary
<a href="#"><u>SIX-1601</u></a>	Session ID in Cookie is not protected by secure attribute and HttpOnly attribute
<a href="#"><u>SIX-1599</u></a>	Possibility to be influenced by SQL Injection

## 31. Update 6.0.21.260

### 31.1. Fixed bugs and problems

No.	Summary
<a href="#"><u>SIX-1857</u></a>	Old version of web components is used, there are risks to be attacked based on well-known vulnerability.
<a href="#"><u>SIX-1603</u></a>	Prevent multiple invalid logon attempts in a row
<a href="#"><u>SIX-1492</u></a>	Customer bug: "Use apps: inactive" does not work

## 32. Update 6.0.20.233

### 32.1. Fixed bugs and problems

No.	Summary
<a href="#">SIX-1816</a>	ClientPersistence Store must reconnect to MSSQL-Server database
<a href="#">SIX-1811</a>	UCServer transmits private (telephony) data to contact portal/business card
<a href="#">SIX-1804</a>	EWS: Edit contact / Open contact folder from public folder does not work
<a href="#">SIX-1801</a>	Client always writes dumps, regardless of RegKey
<a href="#">SIX-1796</a>	Do not Disturb (tapi) Setting causes errors
<a href="#">SIX-1792</a>	Display name missing in TextChat Notifications
<a href="#">SIX-1789</a>	Server misreports missing licenses
<a href="#">SIX-1786</a>	Tab layout in main window and monitor is reset with server reconnect
<a href="#">SIX-1782</a>	chatroom name should also change in edit control
<a href="#">SIX-1781</a>	Call window (softphone) is no longer displayed correctly after restoration
<a href="#">SIX-1780</a>	ChatV2: A deleted user can no longer be removed from a group chat
<a href="#">SIX-1773</a>	Subsequent error: Administrative monitor content is not displayed
<a href="#">SIX-1769</a>	UCServer crashes several times a day
<a href="#">SIX-1768</a>	XML code appears in the Favorites contact if the Federation contact contains an "&" in the company name
<a href="#">SIX-1767</a>	Incorrect database authentication in server setup
<a href="#">SIX-1765</a>	ClnInst EWS-Profile always shows a check mark in "Disable Outlook", independent of the actual status
<a href="#">SIX-1760</a>	Wizard dialogs are created too wide with 125% DPI
<a href="#">SIX-1756</a>	When clicking "Service tab" on Active Directory snap-in, management console stops.
<a href="#">SIX-1755</a>	Recording Server should be removed from Active Directory Snap-In
<a href="#">SIX-1746</a>	CustomerBug: Bluetooth line settings in UCServer are not saved
<a href="#">SIX-1741</a>	When showing or hiding the quick start bar (favorite contact, mouseover) the second line is not animated if it contains icons
<a href="#">SIX-1738</a>	Support for line licenses
<a href="#">SIX-1736</a>	When using SIP ext. inside UC Pro (win client) If transfer destination is busy, client can not do anything.
<a href="#">SIX-1735</a>	ProCall users are not displayed in search results
<a href="#">SIX-1734</a>	Adsnapin path in the help is wrong
<a href="#">SIX-1733</a>	No notification on incoming chat messages when chat window is already open
<a href="#">SIX-1718</a>	ProCall 6 fails to create a new contact in G Suite
<a href="#">SIX-1711</a>	Chat window does not come to the foreground on incoming AV call if the person has been chatted with before
<a href="#">SIX-1709</a>	Customer bug: Journal entries of ProCall 3/4 cannot be searched
<a href="#">SIX-1706</a>	Line is displayed offline in the client, although only no audio device is available
<a href="#">SIX-1700</a>	UCserver crashes when the UMreplicator wants to create a group whose name has already been assigned.

<a href="#">SIX-1691</a>	Consult call too fast, hold not yet finished
<a href="#">SIX-1685</a>	After a server reconnect, the open monitor is no longer usable
<a href="#">SIX-1684</a>	After a server reconnect, a white stripe remains in the favorites next to the scrollbar
<a href="#">SIX-1683</a>	Softphone: Answer 401 after REFER with ACK
<a href="#">SIX-1681</a>	Softphone: Repair Bye with Authentication
<a href="#">SIX-1677</a>	Customer bug: ProCall Client crashes irregularly
<a href="#">SIX-1676</a>	EWS contacts in subfolders are not found
<a href="#">SIX-1675</a>	Customer bug: SMS sending sporadically not possible, the log contains a lubricating sign as "sender address"
<a href="#">SIX-1668</a>	Error in connection with disabled chat
<a href="#">SIX-1657</a>	Management ticket: speed-dial key function must be supercanonically formatted for the call to be found
<a href="#">SIX-1640</a>	After a call is transferred by the call partner, the held contact remains stuck (softphone)
<a href="#">SIX-1633</a>	UC Server service down occurs when illegal SIP Register requests
<a href="#">SIX-1631</a>	Display of certificates in the UCServer administration different
<a href="#">SIX-1627</a>	RemoteContact in 1:1 chat suddenly becomes your own contact
<a href="#">SIX-1619</a>	Crash when accepting a screen share
<a href="#">SIX-1618</a>	Responding correctly to unusually formatted suppressed phone numbers
<a href="#">SIX-1613</a>	In the event of a consultation call, the held party is only displayed during the ringing state, but not in the connected state (softphone).
<a href="#">SIX-1605</a>	SMB signature is invalid
<a href="#">SIX-1602</a>	Input Validation is not executed on Server
<a href="#">SIX-1600</a>	Unnecessary debug information is shown
<a href="#">SIX-1598</a>	Attackers can execute operation by parameter tampering even though they have NO authority
<a href="#">SIX-1590</a>	The scroll bar is missing in many presence profiles
<a href="#">SIX-1588</a>	1:1 chats of other users are opened as empty MultiUser-Chat
<a href="#">SIX-1583</a>	Client crashes in multi-user chat with federated contacts
<a href="#">SIX-1578</a>	EULA database driver horizontal scrollbar or line break (6.0.13)
<a href="#">SIX-1570</a>	The "SPOKE WITH" is missing in the journal browser of the client for chats.
<a href="#">SIX-1564</a>	Customer bug: Direct chat opens group chat
<a href="#">SIX-1563</a>	Text chat contents are not displayed even though Chat window appears
<a href="#">SIX-1562</a>	Customer bug: Empty chat window when using Citrix XenApp
<a href="#">SIX-1561</a>	ProCall 6 crashes when i try to close the client
<a href="#">SIX-1559</a>	Crash on client startup
<a href="#">SIX-1554</a>	Customer bug: Favorite images sporadically unusable after upgrade
<a href="#">SIX-1550</a>	PhoneJournal settings are not taken over
<a href="#">SIX-1540</a>	Missing languages after installing ProCall
<a href="#">SIX-1536</a>	Customer bug: Problems with Bluetooth driver installation
<a href="#">SIX-1535</a>	Customer bug: User name cannot be changed via the server setup for UCServer administration
<a href="#">SIX-1532</a>	Incorrect public presence in connection with ACD Group
<a href="#">SIX-1531</a>	Crash on call acceptance Video chat via Federation of Android App
<a href="#">SIX-1529</a>	Customer bug: Chat v2 interoperability with Internet Explorer

<a href="#">SIX-1524</a>	Customer bug: Special characters in location for route planning are not taken over
<a href="#">SIX-1519</a>	Customer bug: Incorrect display of speech bubble settings
<a href="#">SIX-1516</a>	On Premise UCWeb always shoots NPE
<a href="#">SIX-1514</a>	Modified UC Server Admin UserName is lost after reboot
<a href="#">SIX-1513</a>	iOS - Bluetooth bug
<a href="#">SIX-1511</a>	SIP proxy crashes on shutdown, or hangs.
<a href="#">SIX-1508</a>	Wrong text in the exit dialog of the installer of SIP proxy, XMPP proxy, EWS calendar replicator, STUN-TURN server
<a href="#">SIX-1506</a>	Customer bug: Action "Log off from server" is not executed on Win- Log off or ShutDown.
<a href="#">SIX-1504</a>	Customer bug: No messages in text chat window. No message yet.
<a href="#">SIX-1499</a>	Screen sharing Text display does not have enough space for acceptance
<a href="#">SIX-1498</a>	Locked Anonymous user can still see and chat presence
<a href="#">SIX-1493</a>	Multiuser chat with anonymous user possible - inconsistencies
<a href="#">SIX-1491</a>	Text chat steals focus again
<a href="#">SIX-1490</a>	Repair of SMS dispatch
<a href="#">SIX-1489</a>	UCConnect hash collision or wrong hash calculation for Large Images
<a href="#">SIX-1480</a>	Deleting AV journal entries does not delete the associated Chat V2 event
<a href="#">SIX-1477</a>	Customer bug: setting in "Ignore ConnectetID" location is not saved
<a href="#">SIX-1476</a>	EClientN3: Login UI has wrong icon in the title bar for closing
<a href="#">SIX-1469</a>	UCServer crash: curl call "MakeCall" can cause a crash
<a href="#">SIX-1468</a>	Incorrect signalling when sending a message to a recipient who has 'Locked'.
<a href="#">SIX-1467</a>	ProCall Crash after switching off the camera of a running VideoChat
<a href="#">SIX-1466</a>	Chat Actions pop-up menu button visible in MultiParty SMS window, but empty menu
<a href="#">SIX-1465</a>	Client crashes when sending an SMS to multiple participants
<a href="#">SIX-1464</a>	French translation, start and stop German message on UCServer
<a href="#">SIX-1454</a>	When using SQLBind parameters, the input parameters must be valid until Execute()
<a href="#">SIX-1438</a>	MultiChat Error: Chat with a disabled participant
<a href="#">SIX-1437</a>	MultiChat Error: The message cannot be sent
<a href="#">SIX-1436</a>	Serveradmin - settings of unanswered calls are not saved
<a href="#">SIX-1434</a>	Update was performed despite ongoing SIP call
<a href="#">SIX-1419</a>	Inconsistencies here. Join / leave chat room and send messages
<a href="#">SIX-1415</a>	Action "Log off from server" does not work
<a href="#">SIX-1399</a>	An active screen release is signalled although this has already been completed.
<a href="#">SIX-1398</a>	No video on ProCall Mobile after finishing screen sharing on ProCall Desktop
<a href="#">SIX-1397</a>	No screen sharing from ProCall Desktop to ProCall Mobile
<a href="#">SIX-1395</a>	ProCall does not open the calendar correctly if EWS calendar connection is active
<a href="#">SIX-1394</a>	All-day appointments are displayed incorrectly if replicated via EWS Calendar Replicator
<a href="#">SIX-1384</a>	Crash of ProCall while using the AV-Wizard

<a href="#">SIX-1349</a>	XMPP Federation: Remove contact with setting to 'Locked' / 'Not Locked'.
<a href="#">SIX-1347</a>	XMPP Federation: AV Chat not possible
<a href="#">SIX-1342</a>	Request screen sharing' on ProCall Mobile initiates a video chat
<a href="#">SIX-1325</a>	No presence display via Federation via static route incl. MTLS
<a href="#">SIX-1281</a>	Chat V2: Small points in the chat window to UCServer 5 -> 6 upgrade
<a href="#">SIX-1209</a>	Multiline TSP Uninstall - Request to close applications
<a href="#">SIX-1059</a>	Inconsistent display of SIP server network interfaces
<a href="#">SIX-1017</a>	Customer bug: Microsoft Maps support (Bing)
<a href="#">SIX-806</a>	Large Images' are sometimes not displayed correctly
<a href="#">SIX-724</a>	Anonymous users should not use any license today (24.01.2017)
<a href="#">SIX-622</a>	Inconsistency User Administration with AD Server
<a href="#">SIX-509</a>	General chat window ( screen sharing, AV call,...) - Close window option suboptimal
<a href="#">SIX-407</a>	Missed calls are no longer marked as such in the journal
<a href="#">SIX-260</a>	Line can be added as pseudo contact
<a href="#">FIVE-3165</a>	ProCall crashes when a Notes search node is configured and the Domino server is unreachable
<a href="#">FIVE-3159</a>	Crash because of too optimistic thread synchronization in EActiveContactPresence::SetAppointmentEntry
<a href="#">FIVE-3158</a>	Endless loop when server boots up and it does not get a connection to the DB
<a href="#">FIVE-3150</a>	Wrong spelling: Place Oebisfelde
<a href="#">FIVE-3148</a>	Customer Bug: The Reg-Key "Flags" for EWS is not automatically set to value 4
<a href="#">FIVE-3142</a>	Customer bug: Delayed writing of journal table
<a href="#">FIVE-3141</a>	Customer bug: Clients react very slowly or not at all in the morning
<a href="#">FIVE-3135</a>	Windows 10 Version 1709 - estos Auto Client Update does not start anymore
<a href="#">FIVE-3131</a>	Customer bug: Incorrect display of umlauts in callback mail (ANSI instead of UTF-8)
<a href="#">FIVE-3129</a>	Client showing grey for users to transfer to

## 32.2. Improvements

No.	Topic
<a href="#">SIX-1810</a>	Bluetooth driver ebthcmd.exe is signed with sha1 certificate must be converted to sha256 certificate.
<a href="#">SIX-1788</a>	Federation Diagnostics no more green check marks in good case
<a href="#">SIX-1771</a>	Avoid a UI hole in the Notes database wizard on the "Login" page if the UI elements for the notes.ini path are hidden.
<a href="#">SIX-1770</a>	When using SIP client, if the SIP client is held by the talking party, the SIP client becomes silent.
<a href="#">SIX-1754</a>	When using SIP client, if transfer destination is busy, client hears busy tone and the voice of talking party at the same time.
<a href="#">SIX-1725</a>	Simplify the input of smilies with suggestion bar and auto-replace
<a href="#">SIX-1710</a>	Display of the alternatively set ODBC driver in the admin
<a href="#">SIX-1687</a>	UCServer Documentation - Wrong Registry Path to ADMaxRead

<a href="#">SIX-1638</a>	AutoComplete when entering the server name
<a href="#">SIX-1637</a>	AutoComplete in the search input line, incl. storage of the last search queries
<a href="#">SIX-1630</a>	Prevent unnecessary writing of user images in AD
<a href="#">SIX-1629</a>	DTMF window should not close automatically when focus is lost
<a href="#">SIX-1621</a>	ODBC driver selection not possible during UCServer installation
<a href="#">SIX-1620</a>	Exclude Hold Collision
<a href="#">SIX-1616</a>	Customized Digest Authentication
<a href="#">SIX-1593</a>	With SIP status 404 "Not found" comes "General error".
<a href="#">SIX-1592</a>	React correctly with Cancel and 4xx
<a href="#">SIX-1581</a>	Default value for AD objects
<a href="#">SIX-1574</a>	Send fax from contact details - Link number
<a href="#">SIX-1556</a>	HID Accept Button rejects in new conversation window
<a href="#">SIX-1515</a>	Display security warning if no administrator password is assigned.
<a href="#">SIX-1495</a>	More meaningful message when softphone line is offline
<a href="#">SIX-1484</a>	Authentication User
<a href="#">SIX-1455</a>	Access data for external servers are not stored correctly (contd.)
<a href="#">SIX-1452</a>	Customize UCServer Admin Mail Dispatch tab index.
<a href="#">SIX-1440</a>	Creating product brief information for use in Setup.exe
<a href="#">SIX-1439</a>	Blind transfer in the ringing state (inbound)
<a href="#">SIX-1409</a>	Registration at SIP-Line in PBX
<a href="#">SIX-1377</a>	New wording: 'You have more than 100 new emails'
<a href="#">SIX-1319</a>	UCServer Admin Data Import Suggestions for improvement
<a href="#">SIX-1303</a>	UCConnect 'Configure and invite users' Wizard enhancement
<a href="#">SIX-1146</a>	Note should be visible in search result
<a href="#">SIX-959</a>	Text chat: No automatic line break on received messages
<a href="#">SIX-794</a>	Adapting the softphone conversation window to the ConversationWindow (CallControl)
<a href="#">SIX-679</a>	Text input is not signalled - Next ticket
<a href="#">SIX-626</a>	Chat V2 - Unnecessary chat status message in the One2One chat
<a href="#">SIX-473</a>	UCServer Configuration/Databases/Google/Integration Enhancement
<a href="#">SIX-337</a>	Save the "Inform about status change" function on the server side
<a href="#">SIX-280</a>	Journal entry for desktop sharing session
<a href="#">PAC-51</a>	CallTracking over an ACD
<a href="#">SIX-1686</a>	OEM: New program icons / splash-screen / frame colors
<a href="#">SIX-1764</a>	Translation recorded on 22.02.2018
<a href="#">SIX-1716</a>	OEM: Client window frame border in active window is estos green
<a href="#">SIX-1565</a>	Assigning a consultation call to the conversation from which the consultation call was started (softphone)
<a href="#">SIX-1510</a>	Customize Help: In the Help monitor, the message history must be removed
<a href="#">SIX-1081</a>	Increase ASN.1 protocol version to "61
<a href="#">SIX-1269</a>	UX: Admin - group services should be greyed out/described similar to global settings
<a href="#">SIX-1528</a>	Crash in client (after confirmation - conference with silence)
<a href="#">SIX-1610</a>	Documentation: UCConnect Data Transfer
<a href="#">SIX-1479</a>	Set call forwarding - Default value under "Line

<a href="#">SIX-1254</a>	Conversation window, always in the foreground or not
<a href="#">SIX-1803</a>	Display "no connection" for conference
<a href="#">SIX-1649</a>	SIX-1647 User-friendly tooltips for reload buttons in the ChatControl
<a href="#">SIX-1651</a>	SIX-1647 Optimizing the Typing Notification Area
<a href="#">SIX-1654</a>	SIX-1647 Optimize scroll position in ChatControl after resizing the chat window
<a href="#">SIX-1650</a>	SIX-1647 Icon for loading the following messages is missing in the ChatControl
<a href="#">SIX-1703</a>	SIX-1647 Restore function "changeContactReference"
<a href="#">SIX-1648</a>	SIX-1647 Exchange icons for reloading text blocks
<a href="#">SIX-1653</a>	SIX-1647 Grouping of self-written messages is sometimes incorrect in the ChatControl, the times are not updated
<a href="#">SIX-1699</a>	Changing the user management via admin leads to a crash if the server takes too long,
<a href="#">SIX-1380</a>	Software update of the server should not be possible during running A/V/SIP calls
<a href="#">SIX-771</a>	SIX-745 UCServer 5 Upgrade to UCServer 6 incl. change of presence domain
<a href="#">SIX-745</a>	Upgrade scenarios UCServer 5 - UCServer 6
<a href="#">SIX-470</a>	Configuration of several identical external servers
<a href="#">SIX-531</a>	Restrict permissions and rights of anonymous users
<a href="#">SIX-1557</a>	ReInvite without SDP in call (C-Transfer Innovaphone 811)
<a href="#">SIX-1566</a>	Instead of Diversion Header comes History-Info at Innovaphone
<a href="#">SIX-1567</a>	Innovaphone phone sends two m-lines (savp and avp) in Invite, no audio
<a href="#">SIX-1597</a>	Evaluate Referred-by Header as transfer target
<a href="#">SIX-1214</a>	Filter journal entries in chat server side
<a href="#">SIX-1809</a>	Remove code for old tables that are no longer used
<a href="#">SIX-1745</a>	ReInvite without SDP in call (refresh vs. stream to new IP)
<a href="#">SIX-1591</a>	UMreplicator: Very slow replication of ADs with many groups
<a href="#">SIX-1694</a>	SIX-1692 Set codec in media server per SIP-PBX
<a href="#">SIX-1537</a>	Forward, then Hold - call ended
<a href="#">SIX-1644</a>	OpenScape Business-No voice transmission after hold + forwarding
<a href="#">SIX-1740</a>	Filter IPV6 candidates to and from media server in webservice
<a href="#">SIX-1069</a>	Remote installation of TSP and ProCall and its variants
<a href="#">SIX-1730</a>	German language "Kontaktportal Group" remains on en-US version.
<a href="#">SIX-1727</a>	OEM: Please remove other vendor's PBX models from Linesource SIPAV screen
<a href="#">SIX-1728</a>	Please change PBX model name from "KX-NS1000" to "KX-NS".
<a href="#">SIX-1680</a>	OEM: Logo has wrong format
<a href="#">SIX-1678</a>	OEM: Hide Recordingserver / Call Recording
<a href="#">SIX-1542</a>	ProCall 6 Enterprise Featured (Lines) + Featured (UMR) Licenses
<a href="#">SIX-1345</a>	Customer request: Use new ODBC driver for DB server connection via TLS 1.2

## 32.3. Postponed

Key	Summary
<a href="#">SIX-1539</a>	GS-223856 No dialing from Outlook after a WLAN disconnect/reconnect (via IM interface)
<a href="#">SIX-1470</a>	Wrong chat window after clicking on SIP address
<a href="#">SIX-1351</a>	The log file cannot be opened for reading
<a href="#">SIX-469</a>	Improvement - Password for 'External Server' cannot be hidden again.
<a href="#">SIX-446</a>	Unnecessary error message Installation UCServer x86 on Windows x64
<a href="#">RTCSP-14</a>	OpenScape Business misbehaviour on consultation Transfer with external Tln.
<a href="#">RTCSP-3</a>	Journal entry despite inactive softphone line
<a href="#">RTCAV-7</a>	Selection of a camera fails if there are several cameras with the same name

## 33. Update 6.0.13.49709

### 33.1. Changes

No.	Topic
SIX-1575	Access Database Engine 2010 EULA: Display and confirm during installation
SIX-1584	Selection and setup of the database connection during the installation

### 33.2. Important notice

Please be aware of and thank you for your understanding regarding this important notice for ProCall 6 Enterprise customers and estos partners, who are using the software in hosting environments:

Because of a possible consequential effect of a restriction in the 64-Bit Version of ProCall 6 Enterprise, which we got short term knowledge about, we have changed the installation-routine to offer a selection and configuration dialogue for an alternative database access and show the „Access Database Engine 2010“ EULA if MS Access variant is chosen.

The change is related to installations of ProCall 6 Enterprise 64 Bit version in Hosting scenarios.

The to date comfort oriented user interface could cause the installation of a component, which is not allowed to be installed in a certain kind of Hosting environment.

Because it is not possible to check from a technically point of view, if a ProCall Enterprise 64 Bit installation runs in Hosting environment, we show the EULA of the „Access Database Engine 2010“ to make people aware of. Additionally we offer the option to select the installation with a „SQL Server“ as an alternative.

Existing 64-Bit installations of ProCall 6 Enterprise in Hosting-scenarios can be checked on your request together with estos.

Action should be taken only for the following scenario:

- Hosting-environments (eventually under a Service Provider License Agreement)
- ProCall 6 Enterprise UCServer 64 Bit variant
- Usage of MS-Access / SQLite“ database

If you are eventually concerned as a customer or partner, because you use or plan to use ProCall 6 Enterprise Software in a Hosting or Service Provider model, we can offer you the following contacts to discuss your scenario:

- Raphael Bossek, Head of Product Management  
Email: rapahel.bossek@estos.de
- Heinrich Moser, Head of Technical Consulting & Support  
Email: Heinrich.moser@estos.de

For general inquiries please contact our service hotline via tel: +49(8151)36856-177 or send an Email to: [info@estos.de](mailto:info@estos.de).

The estos team wants to ask for your cooperation and thank for your understanding.

## 34. Update 6.0.11.49468

### 34.1. Fixed bugs and problems

No.	Topic
SIX-1469	UCServer Absturz: curl-Aufruf "MakeCall" kann zum Absturz führen
FIVE-3135	Windows 10 Version 1709 - estos Auto Client Update startet nicht mehr
SIX-249	ProCall Client meldet fälschlicherweise nicht kompatible Serverversion – Folgeticket
SIX-503	UCConnect Szenario mit 2 UCServer verschiedener Präsenzdomäne
SIX-553	Chat V2 - Zwei Anwender starten Multiuser Chat nebenläufig (mehrere Fehler)
SIX-483	Kein 'Bildschirmfreigabe anfordern' bei 'OpenFederierten' Kontakten
SIX-455	Chat - Gesendeter Text verschwindet sporadisch im Anzeigefenster
SIX-478	Verbesserung - Bildschirmfreigabe doppelter Tooltip Text
SIX-128	Weiterleiten-Untermenü (Transfer-Submenu) Einträge sind inkonsistent
SIX-1199	In Rufnummernfeldern nur zahlen zu lassen
SIX-739	Falsche Statusanzeige der SIP Server Netzwerkschnittstellen
SIX-639	Gegenseitige Bildschirmfreigabe aus AV Chat heraus möglich
SIX-1264	Nach Abmelden von UCConnect verbleiben Benutzer weiterhin aktiv

### 34.2. Rejected

No.	Topic
SIX-641	Kein AV-Konfiguration während eines laufenden AV-Chat's zulassen
SIX-1313	Active Tab geht verloren nach Reconnect
SIX-324	Zeitangaben im ProCall Client Journal
SIX-396	EWS Kalenderreplikator repliziert Termine mehrfach, Ganztagestermine werden falsch repliziert
SIX-48	Service and Support Erweiterung für ProCall Mobile in UCServer Verwaltung
SIX-1485	CCM per SIP - Auth über AD integration
SIX-1324	Abbruch der Installation, wenn ODBC Treiber sich nicht installieren lässt
SIX-518	Das Mehrfachöffnen des Audio-/Video Wizards sollte unterbunden werden
SIX-406	Anzeige Mehrgeräteanschluss nicht korrekt
SIX-299	Leitungsamen synchron mit Mobile & Mac Clients

## 35. General information

### 35.1. Launch

The technical release by estos GmbH took place on 27/9/2017 for the version ProCall Enterprise 6.0.10.48667.

#### 35.1.1. Language variants

- German (Standard) - de-DE
- English (United Kingdom) - en-GB
- English (United States) - en-US
- Spanish (Spain) - es-ES
- French (Canada) - fr-CA
- French (Standard) - fr-FR
- Italian (Standard) - it-IT
- Dutch (Standard) - nl-NL
- Portuguese (Brazil) - pt-BR
- Russian - ru-RU

#### 35.1.2. estos product combination

- ProCall Analytics from Version 2.0.3.48516
- MetaDirectory
  - MetaDirectory 3.5 from Version 3.5.28.5735
  - MetaDirectory 4 from Version 4.0.2.5759
- ECSTA from Version 5.0.2.5099
- UCCconnect hybrid cloud building blocks

#### 35.1.3. Operating systems and databases

The following guidelines apply to the support of operating systems and databases.

- estos ensures its operation on operating systems and the connection to databases that are still in the manufacturer's support period or which are explicitly named as supported by estos. If the support period for the system expires, this also applies to the estos software product, even if this system was still supported at the time of the launch of the estos software. Operating systems for which the vendor does not

specify support periods (e.g. Google Android) are supported with the latest and penultimate version

- An existing estos software version is not automatically executable with a future/new system
- If there is a problem with the estos software, which is related to an operating system or database, a fix can only be made for systems that are currently in the support period
- estos reserves the right to terminate support for systems, even if they are still in the manufacturer's support period
- The time when the support period expires can be found in the release notes
- Fixes always take place in the latest estos software version

#### Windows: Client/Arbeitsplatz

Client Operating System	End Date for Support
Windows® 10	14.10.2025
Windows® 8.1	10.01.2023
Windows® 7 Service Pack 1	14.01.2020

Server services (UCServer) are not supported on client operating systems.

#### Windows: Server Services

Server Operating System	End Date for Support
Windows Server® 2019 Essentials/Standard/Datacenter	09.01.2029
Windows Server® 2016 Essentials/Standard/Datacenter	11.01.2027
Windows Server® 2012 R2 Essentials/Standard/Datacenter	10.10.2023
Windows Server® 2012 Essentials/Standard/Datacenter	10.10.2023
Windows Server® 2008 R2 Service Pack 1	14.01.2020

#### Internet Explorer

Operating System	Delivery	Requirement
Windows Server® 2019	Internet Explorer 11	Internet Explorer 11
Windows Server® 2016	Internet Explorer 11	Internet Explorer 11
Windows® 10	Internet Explorer 11	Internet Explorer 11
Windows Server® 2012 R2	Internet Explorer 11	Internet Explorer 11
Windows Server® 2012	Internet Explorer 10	Internet Explorer 11
Windows® 8.1	Internet Explorer 11	Internet Explorer 11
Windows Server® 2008 R2 Service Pack 1	Internet Explorer 11	Internet Explorer 11
Windows® 7 Service Pack 1	Internet Explorer 11	Internet Explorer 11



## macOS

Operating System	End Date for Support
macOS 10.12 "Sierra"	n. a.
macOS 10.13 "High Sierra"	n. a.

## Android

Operating System	End Date for Support
Android 9 "Pie"	n. a.
Android 10	n. a.

## iOS

Operating System	End Date for Support
iOS 12	n. a.
iOS 13	n. a.

## Server Database

Database	End Date for Support
Microsoft SQL Server 2016 Service Pack 1	14/7/2026 (Microsoft)
Microsoft SQL Server 2014 Service Pack 2	9/7/2024 (Microsoft)
Microsoft SQL Server 2012 Service Pack 3	12/7/2022 (Microsoft)

## 35.1.4. SIP – telephone systems for softphone

SIP capable PBXs and their firmware/software versions are supported, so long

- the firmware version of the PBX is still supported by the respective manufacturer, **and**
- the release of the firmware/software version used by the manufacturer does not exceed one year, **or**
- the firmware/software version is explicitly named as supported by estos, **and**
- the firmware/software version of estos has not been explicitly excluded

System	Test with Version
Alcatel OXO Connect	R22
Alcatel OmniPCX Enterprise (OXE)	R11
Auerswald (FONtevo) COMpact / COMmander	V7.0A
Avaya IP Office	11.0
Innovaphone	V12 R2, V13r1
Mitel MiVoice Office 400	V5.0
Mitel MX-ONE	6.1 SP1
Panasonic KX-NS Serie (700/100)	002.00201
Panasonic KX-NSX Serie	002.02019

Unify OpenScope 4000	V8 R1.19.6
Unify OpenScope Business	V2 R4.0.1

Asterisk-based PBX can now also be connected via Softphone as part of a ProCall BETA. If you are interested, please contact our Helpdesk at <https://helpdesk.estos.de>.

### 35.1.5. Other third-party products

#### Busylight

Product	Reference
Plenom BusyLight UC Alpha/Omega	<a href="http://www.plenom.com/products/kuando-busylight-uc-for-skype4b-lync-cisco-jabber-more/">http://www.plenom.com/products/kuando-busylight-uc-for-skype4b-lync-cisco-jabber-more/</a>
Luxafor Mini	<a href="http://www.luxafor.de/luxafor-mini/">http://www.luxafor.de/luxafor-mini/</a>

#### Industry Software

Product	Reference
DATEV pro Arbeitsplatz	with DATEV Telefonie Basis

#### Unified Messaging System

Software	Version
Ferrari electronic OfficeMaster	5.0
TeleSys TS Unified	4
estos ixi-UMS Business/Enterprise	6.4

#### STUN/TURN Services

Supplier	Reference
Twilio	<a href="https://www.twilio.com/">https://www.twilio.com/</a>
Xirsys	<a href="https://xirsys.com/">https://xirsys.com/</a>
bit6	<a href="https://bit6.com/">https://bit6.com/</a>

These online service providers reserve the right to make changes to the online service offer, which in turn may lead to incompatibilities with this software version. These online services have worked as described at the time of the release of this software version.

#### STUN/TURN Server

Own TURN Server with "short term credentials" <http://tools.ietf.org/html/draft-uberti-be-have-turn-rest-00> e.g. <https://github.com/coturn/coturn>

## Groupware Systems

Software	End Date for Support
Microsoft Office 365 *	This product is subject to the modern life cycle directive ( <a href="https://support.microsoft.com/help/30881/modern-lifecycle-policy">https://support.microsoft.com/help/30881/modern-lifecycle-policy</a> ) from Microsoft
G Suite Basic/Business/Enterprise (formerly Google Apps for Work) *	The G Suite (Online) Agreement applies ( <a href="https://www.google.com/apps/intl/en/terms/premier_terms.html">https://www.google.com/apps/intl/en/terms/premier_terms.html</a> )
IBM Notes 9.0	Date is not fixed
Exchange Server 2019	
Exchange Server 2016	14/10/2025
Microsoft Office 2016	14/10/2025
Outlook 2016	14/10/2025
Exchange Server 2013 Service Pack 1	11/4/2023
Microsoft Office 2013 Service Pack 1	11/4/2023
Microsoft Office 2010 Service Pack 2	13/10/2020
IBM Lotus Notes 8.5	30/9/2018

\* This online service provider reserves the right to make changes to the online service offer, which in turn may lead to incompatibilities with this software version. This online service worked as described at the time of the release of this software version.

## Integration with Audio/Video Devices (e.g. for call control)

Software	Requirement
Jabra Pro™ 9460 EMEA	Tested with Jabra Direct 3.12.1955
Jabra Evolve™ 65 UC Stereo	Tested with Jabra Direct 3.12.1955
Jabra™ BIZ 2400 II Mono USB	Tested with Jabra Direct 3.12.1955
Jabra™ SPEAK 510 UC	Tested with Jabra Direct 3.12.1955
Jabra™ SPEAK 710 UC	Tested – from ProCall 6 Enterprise 6.4.x.xxxx
Jabra™ SPEAK 810 UC	Tested – from ProCall 6 Enterprise 6.4.x.xxxx
Logitech USB Headset H570e Stereo	n. a.
Logitech USB Headset H650e Mono	n. a.
Logitech USB Headset H650e Stereo	n. a.
Logitech USB DECT Headset H820e Mono	n. a.
Logitech USB DECT Headset H820e Stereo	n. a.
Logitech USB Camera BCC950	n. a.

Logitech USB B530	n. a.
Logitech ConferenceCam CC3000e	n. a.
Logitech Speakerphone P710e	n. a.
Plantronics Voyager Focus UC (BT600)	Tested with Plantronics Hub Version 3.8.2
Plantronics Voyager 5200 UC (BT600)	Plantronics Hub Version 3.8.2
Plantronics Savi 7xx	Plantronics Hub Version 3.8.2
Plantronics Savi 4xx (D100)	Plantronics Hub Version 3.8.2
Plantronics C720 (USB only)	Plantronics Hub Version 3.8.2
Plantronics C720-M (USB only, Microsoft certified)	Plantronics Hub Version 3.8.2
Plantronics Blackwire C720 (USB & Bluetooth)	Plantronics Hub Version 3.8.2
Plantronics Voyager Legend UC (BT300)	Plantronics Hub Version 3.8.2
Plantronics (Blackwire) C320	Plantronics Hub Version 3.8.2
Plantronics (Blackwire) C325	Plantronics Hub Version 3.8.2
Plantronics (Blackwire) C520	Plantronics Hub Version 3.8.2
Plantronics (Blackwire) C520-M	Plantronics Hub Version 3.8.2
Plantronics Calisto 620 (BT300C)	Plantronics Hub Version 3.8.2
Plantronics Encore Pro HW301N/A-DA45/A	Plantronics Hub Version 3.8.2
Plantronics CS50/CS60 USB DECT Headset	Plantronics Hub Version 3.8.2
Polycom Speakerphone CX100	n. a.
Sennheiser Circle SC 260 USB CTRL	n. a.
Sennheiser Century SC 630 USB CTRL	n. a.
Sennheiser DW Office	n. a.
Sennheiser DW Pro 1	n. a.
Sennheiser Presence UC	n. a.

## 35.2. Known issues and limitations

### Double conversation window when paired via Bluetooth (RTCSP-464, RTCSP-463)

If you use the iOS app and at the same time activate the Bluetooth integration, you will see the double faulty call window in the Windows client. Recommendation: Disable Bluetooth integration.

### iOS & Android Apps: Ringing does not stop (RTCSP-538)

In rare cases, it may happen that an incoming call is not terminated on the mobile apps even though the call was accepted on another device.

### Connecting the UCServer to UConnect via a web proxy is not possible (UCCON-213)

If the UCServer is used behind a web proxy, the connection to UConnect is not possible.

### Incompatibility of 32-bit Access Database Engine on 64-bit Windows systems (SIX-1460)

If the UCServer is installed on 64-bit architecture, ensure that no 32-bit Access Database Engine driver is installed in the system. The problem usually occurs when Office 32-bit is installed on the system or is subsequently installed.

The 64-bit Access Database Engine installation file can be found in the subdirectory "Supportfiles" of the UCServer installation directory (normally C:\Program Files\es-tos\UCServer).

### Chat window does not show any messages and remains white (SIX-1185)

Sporadically, chat windows do not show content and do not operate.

### Server components on Microsoft Windows client operating systems (SIX-1154)

The number of connections to a client operating system is limited by the Microsoft EULA. Before you install the UC server on a client operating system, make sure that the number of connections is not exceeded (multiple network connections).

Microsoft license terms: <http://www.microsoft.com/de-de/useterms/>

### Limited docking capability for multiple monitors (SIX-1152)

When using multiple screens, it is only possible to dock the monitor at the outer edges of the entire area.

### Restrictions on screen sharing and UAC dialogs (SIX-1151)

During screen sharing, increased rights (UAC dialog) cannot be granted from the remote page. Operation of the UAC dialog must be carried out by the releasing user.

### Limitations of Citrix Application Sharing/TerminalServer RemoteApp (SIX-1149)

- When using the application release, it is not possible for ProCall to perform a hot-key selection for technical reasons

- Likewise, it is also not possible to dock the monitor
- Integration with Bluetooth cannot be used.

After "Call Retrieve", the caller hears temporary chopped audio (SIX-1129)

Participant:

- A: SIP Phone
- B: Mobile
- C: SIP Phone

Call flow:

- A is connected to B
- C is call waiting for A, A takes call
- A retrieves B
- A retrieves C: A speaks with C and puts B on hold

Now the sound for C is very choppy and you no longer understand yourself. After 2-3 seconds, the problem has solved itself.

When copying chat content, several blank spaces precede each word (SIX-1102)

If a line is highlighted and copied in an open chat window, then 2 blank lines are copied in advance.

With the softphone, only the first CWE is loaded (SIX-878)

The following registry keys do not work for the call window extension (CWE) on the softphone.

- {{ConversationWindowURL2}}
- {{ConversationWindowURL3}}

It is not possible to upgrade and modify the presence domain at the same time (SIX-771)

If the presence domain is also changed during the upgrade in the wizard, not all users can be subsequently adapted or activated.

When changing the presence domain, the identities in the database are not matched (SIX-771)

After changing the presence domain, identities are not adjusted in the journal DB or in the chat DB, that is, "Continue chat..." via a journal entry in the client is no longer possible and the chat history in the client is empty.

### Active Directory Tools must be installed on the schema master (SIX-331)

The setup of the Active Directory tools allows you to install the schema extension on a machine that is not the schema master, even though the schema master is identified and displayed in one of the dialogs.

## 35.3. Changes and new features

### 35.3.1. New functions

#### Contact portal and multimedia business cards for websites

The **contact portal** is a new component of ProCall 6 Enterprise. A company can make selected employees visible and accessible "externally" on their website. It shows all available employees with their current presence status. The contact portal can be adapted to the corporate design of a company on request.

Also new in ProCall 6 Enterprise is the **multimedia business card**. It is an alternative to the classic business card and can easily be integrated into an existing e-mail footer. The multimedia business card shows a picture of the contact person and other important information such as contact possibilities or the company address. Also the presence status is represented beside the name. For example, via the multimedia business card, uncomplicated consultations in the form of an audio/video chat, can be agreed.

#### Softphone functions for selected PBXs as SIP subscriber interface

The softphone functions are available in the Windows desktop client and smartphone apps. The Mac client has not integrated any softphone functions, and will not in the foreseeable future.

#### Agent functions

With the **agent function**, users can log into the call group of selected PBXs or switch to "post processing" (call wrap-up). The equipment is installed in the PBX. At present it supports Panasonic NS-NS (X) PBXs.

#### Google G Suite

Support of contact data and calendar from Google G Suite.

#### ixi-UMS Business/Enterprise Integration

**ixi-UMS Business/Enterprise** can be **optionally** integrated into ProCall Enterprise. . Integration takes place via the Custom tab in the ProCall Windows desktop client. Single-sign-on is supported. Of course, you can also integrate any other UMS solution of your choice with ProCall Enterprise.

### 35.3.2. Removed functions

#### Support for SPEXBOX from SPEECH EXPERTS has been removed (FAX)

Integration of the SPEXBOX fax solution from SPEECH EXPERTS (<http://speech-experts.com/>) is no longer available.

#### Support for Tobit David has been removed

The groupware integration possibilities for Tobit David is no longer available in ProCall 6 Enterprise.

#### Call scheduling in the apps has been removed

The possibility to place calls from the app via the UCServer integrated variant was removed from ProCall 6 Mobile.

#### iPad variant/function discontinued

The variant of ProCall Mobile adapted for Apple iPad has been discontinued. For use on Apple iPad, the standard ProCall 6 Mobile App can be used.

#### Support for Plantronics Spokes has been removed

The Plantronics Spokes SDK was discontinued by Plantronics, so support for the previously used "Plantronics Spokes v2.8" has been removed. New headsets from Plantronics are supported with the new "Plantronics Hub" software.

## 35.4. Fixes and improvements

#### Smartphone Apps

The smartphone apps have been completely redesigned and are available **for installation** in the Apple iTunes App Store and Google Play Store under the **new name "ProCall 6 Mobile"**. The operation has been revised. Changes to the system architecture have also significantly improved the reliability and response speed of the apps.

#### Mac Client

The **Mac client has also been completely revised**. Here, too, the technology was put on a new basis.

#### Bluetooth pairing

A **Bluetooth link** between a mobile phone and the Windows workstation has been enhanced by **audio support**, i.e. for telephone calls which are routed via the GSM mobile phone, a USB headset connected to the Windows workstation can be used. The CTI control of the mobile phone and the integration of particular telephone books remain.

### Chat send and receive acknowledgment

The **chat function has now gained send and receive confirmation** in the form of checkmarks. The chat can now also be extended for additional participants. The visual look has been updated.

### Telephone and chat journal

The **telephone and chat journal** can now be separated between chronological (default) and user-centered sorting. User-centered sorting improves productivity by making the journal clearer.

### 64-bit variant

The UCS server from ProCall 6 Enterprise is now only available in a 64-bit version.

## 36. Upgrade procedure

For details on the upgrade procedure, see the Best Practice "[ProCall 6 Enterprise Upgrade Procedure](#)".