

Amtelco Secure Messages Server

Major/minor version: **6.8**

Revision: **6.8.8980.19023**

Status: **General Release** [09/19/2024]

Changes: Fixed an issue with missing deserializers for classes used by the encryption engine.

Revision: **6.8.8978.27877**

Status: Interim revision

Changes: Encryption enhancements have been added in the registry and database.

Revision: **6.8.8882.17535**

Status: **General Release** [05/14/2024]

Changes: Indexes have been added to improve the performance of thread retrieval.

Revision: **6.8.8872.27802**

Status: Interim revision

Changes: ISeries release support is updated from IS 5.7.8812.24882 to IS 5.7.8867.28867.

Revision: **6.8.8824.16025**

Status: Interim revision

Changes: ISeries Release support is updated to IS 5.7.8812.24882.

Revision: **6.8.8808.26340**

Status: Interim revision

Changes: The delete threads / undelete threads functions have been throttled to 5 concurrent deletes.

Revision: **6.8.8801.29429**

Status: Interim revision

Changes: All assemblies have been updated to .NET Framework 4.7.2

Amtelco.SqlData has been updated to 4.0.8801.28172.

NLog for Amtelco.SqlData is now included. Logging for Amtelco.SqlData is controlled through the nlog.config file and will be in its own set of files.

Projects have been migrated from packages.config to package reference.

Revision: **6.8.8798.23425**

Status: **General Release** [02/28/2024]

Changes: Fixes a connection timeout and server switch when there is a long runtime processing server messages.

Revision: **6.8.8798.15540**

Status: Interim revision

Changes: Fixes IS-MSM connection issues.

The app config has key for a number of concurrent workers per customer to handle incoming messages ("IsMessageWorkers"). The default is 2. Changing this value will require a restart of the service.

IsMessageBuffer logger will warn if the message queue is more than 100 messages behind.

IsMessageBuffer logger will warn if a message sits in the queue more than 15 seconds before being handled.

Revision: **6.8.8784.24317**

Status: Interim revision

Changes: The deletion of the web app connection is now allowed.

Revision: **6.8.8781.18830**

Status: Interim revision

Changes: The deletion of Android, Apple, or WebApp connections is now prohibited.

Revision: **6.8.8738.26029**

Status: **General Release** [01/25/2024]

Changes: Index changes implemented for improved performance.

Fixes implemented for long running queries.

Upgrading HA servers can now be done one at a time from any version with database build 6.8.24.

Revision: **6.8.8719.20167**

Status: Interim revision

Changes: Added "EncryptionPlugIn57" entry in app.config for use with IS 5.7 plug in, as it uses newer encryption plug ins.

Revision: **6.8.8719.19576**

Status: Interim revision

Changes: The .msi now installs a newer version of Amtelco.Encryption DLLs into the GAC, in addition to the previous version being installed in the app directory.

Revision: **6.8.8718.28500**

Status: Interim revision

Changes: GetIsVersionApiForApps is now updated to support IS 5.7.

Revision: **6.8.8718.20619**

Status: Interim revision

Changes: Added support for IS release 5.7.8689.18689.

Revision: **6.8.8706.19035**

Status: Interim revision

Changes: Fixes an issue with the ability to delete contacts and devices belonging to external systems.

Revision: **6.8.8705.26574**

Status: Interim revision

Changes: Fixes an issue with MSM not sending the username back to IS on replies.

Fixes an issue with excessive blocking when reading notification descriptors that would slow down stopping customer accounts in the MSM configuration application.

Changes the login to treat zero length passcode hash as not having a passcode.

Revision: **6.8.8684.17805**

Status: Interim revision

Changes: Fixes an issue with saving a blank passcode instead of an empty hash for imported contacts.

Revision: **6.8.8473.22739**

Status: **General Release** [05/30/2023]

Changes: Converts memory optimized tables to rowstore tables.

Changes SQL in app to properly lock converted tables for upserts.

Modified the server console app to be able to initialize an empty database with the /initdb command line argument.

Revision: **6.8.8468.28758**

Status: Interim revision

Changes: Deleting group 0 is no longer allowed.

Updates have been made to the .msi signing.

Revision: **6.8.8355.19087**

Status: **General Release** [02/08/2023]

Changes: Fixes an issue with customer databases not transitioning from unlicensed to licensed.

Added a button in the Configuration app to reset the server licensing in the database.

Removed a button in the Configuration for upgrades from MSM 6.3.

Revision: **6.8.8320.21819**

Status: **General Release** [11/29/2022]

Changes: Removed Cookie header from push notifications to Contact Web.

Changed GetGroupConfiguration so it will not return Null if the group does not exist. This would cause the Admin Web to be unable to login if group 0 is later deleted.

Revision: **6.8.8279.19793**

Status: **General Release** [09/14/2022]

Changes: Implemented changes to reduce SQL usage due to polling for notifications.

Revision: **6.8.8269.27112**

Status: Interim revision

Changes: MsmProxyFactory implements MSM API version in GetIsVersionApiForApps.

Revision: **6.8.8269.26358**

Status: Interim revision

Changes: Fixes an issue with MsmProxyFactory saving 5.6 as the wrong API version.

Adds an EncryptionPlugin key to app.config for service.

Revision: **6.8.8266.16823**

Status: Interim revision

Changes: Support is added for IS release 5.6.8259.28259

Revision: **6.8.8257.26141**

Status: Interim revision

Changes: Fixes an issue with Infinity connection messages not being handled correctly after stop/start.

The error handling from Infinity has been improved if CreateMessage fails. It will now delete the message from the database to prevent continual reattempts.

Revision: **6.8.8241.22200**

Status: Interim revision

Changes: The logging has been improved when receiving an invalid response from the Contact Web push notification.

Revision: **6.8.8160.19258**

Status: **General Release** [07/14/2022]

Changes: Fixed an issue with notification successes not being added to the message history.
Changed SQL for session tokens to reduce the number of SQL transactions generated.
Changed SQL for retrieving notifications to reduce the number of SQL transactions generated.
Changed SQL for checking/acquiring process ownership to reduce the number of SQL transactions generated.
Added null checks for UpdateGroupMenuUrlAsync and NewGroupMenuUrlAsync.
Console application has been changed to remove reliance on the registry for the ServiceConfiguration.

Revision: **6.8.8130.25121**

Status: Interim revision

Changes: A database error has been resolved when deleting a group with a non-empty circle.

Revision: **6.8.8091.18723**

Status: Interim revision

Changes: Fixes issues seen upon on notification exceptions.
Fixes an issue with generating excessive notifications when adding a large number of contacts to a group.
Fixes the throttling of notifications to the notification server.
Fixes notification completion always trying to log the result to a message.
Configuration of proxy uses and idle timeout for notification proxies is now allowed.
Proxy uses have been increased from 100 to 1000 in the app.config files. Under high notification load, they were likely recycling more often than needed.

Revision: **6.8.7941.23671**

Status: **General Release** [02/17/2022]

Changes: Fixes an issue with the NULL salt for the password causing logins to fail.

Revision: **6.8.7929.19276**

Status: Interim revision

Changes: Fixed an issue with retrieval of threads past the first page

Revision: **6.8.7898.30298**

Status: Interim revision

Changes: Fixed an issue with Single Sign On login exceptions returning a valid SSO session.

Revision: **6.8.7887.24141**

Status: Interim revision

Changes: Fixed RegisterNewUser not saving passcode
Fixed an issue with SSO logins ignoring LockedOut flag

Revision: **6.8.7885.24674**

Status: Interim revision

Changes: Added validation for password complexity when reading from the database to assure the MinimumLength reflects required character types.
GetContacts has been modified for improved performance.
The shared device login has been changed so it will not fail if the device is still logged in for a different user.
Reports changes:
Device list and Group Device List will now show the Device Mode and Device Phone number.
Contact list and Group contact list will now show the Sound and High Priority sound.

Revision: **6.8.7804.18642**

Status: Interim revision

Changes: An exception with a device conflict has been fixed (the event is the conflicting device has no assigned contact).
Fixes an issue with leaving a device in wrong DeviceMode when reassigning a normal device to a shared device.
Fixes SQL exceptions generating contact changed notifications when unlinked shared devices are involved.
Changed the message text for device conflict event to be more friendly.
NewThread will now validate that all contacts belong to the group that the thread is being started in.
The MSM service will now log the UnobservedTaskException event.
Fixes an issue with the "Create System Admin" button on the server configuration app not correctly creating the new system admin.
Fixes an issue when saving the contact group as the deviceId in the web session when registering.

Revision: **6.8.7751.31518**

Status: Interim revision

Changes: 'Login Info Changed' is now sent as an admin delete system response and Admin update default circle name.
Sessions are now halted based upon admin change password/passcode complexity rules and changed to authentication mode/resource.

Revision: **6.8.7747.27226**

Status: Interim revision

Changes: Location where LoginInfoChanged notifications are sent has been updated.
LoginInfoChanged notification is sent in response to changes made from the app that do not get sent to the device that made the change.
NewContactGroup now populates MaxContactsPerThread.
Fixed LoginInfoChanged, ContactChanged and ContactListChanged not sending the correct license for a shared device.
Fixed database scripts for the setup of new databases.

Revision: **6.8.7741.31288**

Status: Interim revision

Changes: Fixes an issue with SQL errors due to concurrent calls to update session tokens.
Fixes SQL 41839 errors when updating session tokens under very high loads.
Fixes LoginInfoChanged notifications not transmitting due to the contact ID being put in the changedContactId property of the notification descriptor instead of contactId.
Fixes LoginInfoChanged sending multiple notifications if the contact has multiple active sessions.
Added safeguarding against ContactChanged notifications sending duplicate notifications.
Improved system logging.

Revision: **6.8.7740.28681**

Status: Interim revision

Changes: Fixes an issue with SMS escalation causing normal notifications to get deleted before they go out.

Revision: **6.8.7734.21265**

Status: Interim revision

Changes: SsoPostLogin will now return the correct result code for trying to log in with a device being used by another contact.

Revision: **6.8.7731.18877**

Status: Interim revision

Changes: Added logging to the SSO login process to log errors during post-login phase.

Changed the app.config to enable performance counters for .NET Data Provider for SqlServer, allowing NumberOfActiveConnections to be monitored with performance monitor.

Revision: **6.8.7730.28879**

Status: Interim revision

Changes: Fixed an issue to allow registering a shared device with an existing binary token.

'Login Info Changed' notifications have been improved by waiting 2 seconds to send and deleting existing notifications when new ones are saved. This prevents sending multiple notifications if several properties are changed for a contact in a short period of time.

Improved the speed of GetContacts by retrieving device phone numbers concurrently.

Changed to no longer delete the session UpdatePasscode

Changed to no longer delete the following sessions and send 'Login Info Changed' notification instead:

- admin UpdateContactName
- admin UpdateContactPhoneNumber
- admin UpdateContactEmail
- admin DisableNotifications
- admin EnableNotifications
- admin UpdateContactInterval
- admin UpdateContactISAppsUserName
- admin UpdateContactISAppsPassword
- admin UpdateContactGroupStatusUrl
- admin UpdateContactGroupMenuUrl
- admin NewGroupMenuUrl
- admin DeleteGroupMenuUrl
- admin UpdateContactGroupMaxContactsPerThread
- admin UpdateContactGroupUserCircleName
- admin UpdateContactGroupAttachmentSize
- admin UpdateContactGroupUseSystemResponses
- admin UpdateContactGroupUseSystemAwayMessages
- app DisableNotifications

Revision: **6.8.7717.27365**

Status: Interim revision

Changes: The 'Login Info Changed' notification will now be sent when a contact is added to a group or removed from a group.

Revision: **6.8.7706.17702**

Status: Interim revision

Changes: Fixes issues with inconsistent notifications sent to Contact Web.

LogConfig now includes a section for WebAppConnection.

A newer Amtelco.SqlData.dll has been included with improved logging.

Revision: **6.8.7699.25201**

Status: Interim revision

Changes: Fixes an issue with ContactVersion not getting updated correctly. This would cause contacts to not appear in the apps until it changed.

Revision: **6.8.7691.20210**

Status: Interim revision

Changes: Fixes an issue with SessionLogin not returning the correct value for hasPasscode.

Revision: **6.8.7689.17712**

Status: Interim revision

Changes: Fixes issues with admin logins not following the passcode expiration setting correctly.