

IRIS Secure Apps 4.9.4 Release Notes

Overview

This document contains information regarding the changes made in the latest release of IRIS Secure Apps 4. A history of previous releases is also included for reference.

Latest Release

IRIS Secure Apps 4.9.4 (4.9.4.10162)

New Features

- New user views to enable end user querying of alarms, polls & poll overdue tables and dialler status information.
- New periodic task PTUDV that recreates the user views each day
- New API Client library.

Improvements & Fixes

- JQuery library updated to 3.5.1.
- JQuery-UI library updated to 1.12.1.
- Transmission Times and PE Downtime Reports have been additional protection to prevent an exception in the event of erroneous data being received.
- A HealthCheck method has been added to WEB API to return status of system components.
- Improvements have been made to security of installation package.
- A fix has been implemented to limit the number of accounts granted new Security Keys when new accounts are added,.
- The edition of SQL Server deployed with ISA has been updated to SQL Server 2019 Express.
- Several minor security enhancements have been made.
- A minor issue validating the number of permitted "Zero Wait" accounts has been corrected.
- A minor issue with the display of SIM card details in the Dialler Analyser has been corrected.

Previous Releases

IRIS Secure Apps 4.9.2 (4.9.2.7833)

New Features

- User Defined Branding of the ISA Web UI.

Improvements & Fixes

- None

IRIS Secure Apps 4.9.1 (4.9.1.7660)

New Features

- IRIS Polling Engines now support multiple Line Receiver inputs which can be configured via the Web Interface.
- Two new recurring reports have been added for producing a "Sample Transmission Time Report" and a "Weekly Polling Engine Downtime Report", both in CSV format.
- The Recurring report feature has been enhanced to allow for users greater control over their configuration.
- Web & SQL APIs extended with new calls allow for requesting a Terminal to be reflashed.

Improvements & Fixes

- CID protocol system messages have had a minor improvement to correct an issue that occurred when generating their checksums.
- The performance of the Web Interface has been improved significantly when modifying Templates that are in use by large numbers of Terminals.
- Additional protection to end any outstanding reflash sessions for accounts during deletion.
- A minor correction has been made to the display of the Availability Reports to ensure consistency between different screens.
- ATS reports are now rounded to 2 decimal places
- Transparent emulation mode has been modified to prevent the stripping of CID protocol message checksums.

IRIS Secure Apps 4.9.0 (4.9.0.5588)

New Features

- Polling Engine Internal task status display in the System Detective App.
- New API Calls for creation of Connect Intercom accounts and to allow reloading of account parameters.

Improvements & Fixes

- Improvements to accuracy and consistency of the Performance Availability Reporting feature of the Dialler Analyser.

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- Improvements to the Dialler Dialogue to an address an issue that caused multiple accounts to have their status resent when trying to update a single account.
- Modifications to the Installer package to address an issue with some Web Interface components not being upgraded.
- Please note, because of this change the upgrade process will require running through the install options as though performing a first time install.
- Fix to prevent erroneous details about internal PE tasks being displayed in the Help about page.
- Fix for overdue count in ATS Reporting
- Additional protection to end any outstanding reflash sessions for accounts during deletion.
- Improved consistency of the results returned by the Dialler Smart Search feature.

IRIS Secure Apps 4.8.0 (4.8.0.3810)

New Features

- New Verification of Performance reporting features added to the Dialler Analyser App.
- Transmission Time, Availability & Reporting Time analysis features added to performance reporting
- Recurring report feature extended to add a Year to Date Polling Engine fault report.
- Recurring report feature extended to add Transmission Time report for the previous month.

Improvements & Fixes

- New status indicators added to the Dialler Analyser for mains and battery faults.
- Minor fix for incorrect display of mains and battery voltage indication in Dialler Analyser.
- Improvements to display of SIM ICC number and SIM Phone number in IRIS Secure Apps Web interface.
- Improvements to ensure the Dialler Dialogue App displays Group Number when that feature is enabled..
- Minor fix for a Null data error when Backup completed but ISA was flagging failure.
- Minor fix to ensure the RSA panel config for 'Texecom 168 serial' does not show TTL as default.
- Improvement to automatically update the relay status indicators in the Dialler Dialogue App.
- Improvements to display of group number for long account names.
- Fix the issue where ARC links not correctly assigned when using multiple ARC links.
- Introduction of a new configuration setting "LineReceiverInUse", to stop Line Receiver from starting by default in new installation.
- Fix the issue detecting Line Receiver inactivity.
- Added COM Port panel type configuration to RSA template screen.
- Improvements to the accuracy of Line Receiver fault reporting.
- Fix for conflicting information in dialler detective.

IRIS Secure Apps 4.7.1 (4.7.1.2516)

Improvements & Fixes

Amendment to account creation from Web API.

IRIS Secure Apps 4.7.0 (4.7.0.2403)

New Features

- Functionality of the IP Line receiver added to the polling engine for the Iris AMG Link service
- Status of the line receiver displayed in System Detective
- Option to be notified by email in case Line receiver faults

Improvements & Fixes

- Relay status changed from On/Off to Open /Close
- Data migration now correctly handles IP addresses that contain leading zeros
- Data migration now initialises the priority field for links settings
- The size of the of the payload between the PE and the terminal is now protected against overload
- Fix to activate relays to function correctly when terminal is polling to PE's other than PE1
- Fix issue where old DB's were not being removed from the PE's
- Change default values for SA and PE maintenance task so that they are not running at the same time
- The terminal IMEI and serial number are now shown in Dialler Analyser
- Logging of ISA configuration changes now shows more details regarding the data that was amended
- Terminal setting for single / dual path can now be configured from ISA and Connect provisioning
- Relay nomenclature has been made more consistent across the applications and now shows the physical state of the relay i.e. Open or Closed
- PE station fifo archive now includes all signal in final state
- Dialler Dialogue now allows resending of status for a range of diallers

IRIS Secure Apps 4.6.0 (4.6.0.1221)

New Features

- Support for Ext3 board and 3 additional relays
- Enhanced security options on user passwords, limiting number of repeating characters and ability to force a change of password on a regular (days) period.

Improvements & Fixes

- Replace Server time with UTC time at the top of the Iris Secure Apps form
- Visual verification is no longer offered and has been removed
- Correction to provisioning of elevator audio gain
- Correction to default setting of IrisAmgLink
- Correction to backup task to ensure full backup exists
- PE ARC connections restart on failure

IRIS Secure Apps 4.5.1

New Feature

- Provisioning of Elevator terminals

Improvements & Fixes

- Correction to provisioning of volume controls
- System Analyser displays only what the user / role has visibility of
- Time zone enhancements to Dialler Detective Historic Reports to display in local time
- Changes to Authoriser to allow finer control of access to Allocator options
- Changes to Allocator to allow / deny access to the individual menu items base on the Role permissions
- Changes to Authoriser and Allocator to allow a user to only edit the description field of a dialler
- Under certain circumstances AT commands actioned by a PE were not being sent to other PE's
- Display local time of SA server at the top of the Iris Secure Apps form
- After disabling dialler hardware, ISA4 now correctly reports that dialler is not polling
- If an alarm is not able to be sent after 10 retries, ensure that it is logged in the DB
- Additional error handling around connections between PE and ARC

IRIS Secure Apps 4.4.0

Improvements & Fixes

- Changes to retry mechanism for dropped connection between PE and ARC
- System Analyser includes hyperlinks to allow viewing of pictures
- System Detective displays more useful messages
- CID message support for System Messages

IRIS Secure Apps 4.3.0

New Feature

- Support for the AddSecure Connect managed service
- New API to allow remote provisioning of terminals including SIP parameters and Elevator settings.
- Additional message metadata in SIA and CID alarms to allow recording and reporting of transmission time for Analytics within AddSecure Connect.
- IRIS AMG Link for AddSecure Connect
- Support for CID protocol Q (10 digit account codes)

Improvements & Fixes

- Number of persistent terminal connections limit raised to 5000
- Speed improvements to the ISA GUI.
- Extended the housekeeping routines to clear out aged settings and statistics.
- The Synchronisation service will always synchronise to PE's that have a DBVersion matching that of ISA.
- The installer no longer duplicates firewall entries.

IRIS Secure Apps 4.2.2

New Feature

- Multiple ARC Links, supporting the ability for each Polling Engine in a single Secure Apps System to report to multiple ARCs

Improvements & Fixes

- Fix to remove the reliance on the system model database when generating reports. This fix only affects systems that have the Iris Secure Apps database on a different server to the management services' logging database

IRIS Secure Apps 4.2.1

Improvements & Fixes

- Improvements to the RSA Service, increasing uptime and enhancing stability
- Simplified the synchronisation service and improved synchronisation performance between servers
- Extended logging and in-field diagnostic capability of synchronisation
- Simplified the Installer
- Implemented structural changes in preparation for Visual Verification
- Further security enhancements to address recommendations from penetration testing
- Re-branded Secure Apps to ISA-4 by AddSecure

IRIS Secure Apps 4.0.8

Improvements & Fixes

- Improvements to alarm signal handling for Alarm Forwarding
- Improved configuration options for StationAttemptCountLimit
- Improvements to Alarm Forwarding to retry forever using a ratcheted retry strategy

IRIS Secure Apps 4.0.7

Improvements & Fixes

- Added a new function to the Web API for setting the RSA Template of a Dialler
- Added extended logging to Alarm Forwarding to assist in diagnosing issues on customer networks
- Added a configuration file entry, for Alarm Forwarding, to allow manipulation of the number of attempts made to forward an alarm before generating a failure
- Fixed an issue with Alarm Forwarding in which alarms which had been successfully forwarded were reported as failed
- Fixed an issue with Alarm Forwarding in which alarms may be inadvertently sent to both main and backup stations in some circumstances
- Temporarily removed the option to generate Verification of Performance reports while issues in the Dialler's calculation of alarm transmission times are investigated

IRIS Secure Apps 4.0.6

Improvements & Fixes

- Improved configuration options for email notifications
- Internal enhancements to improve the responsiveness of the Secure Apps Web UI after reports of reduced performance on some systems
- Added migration of ARC Messages to the 2012->V4 Migration Tool
- Various other minor Migration Tool enhancements
- Fixed issue related to Connect Diallers which would sometimes poll excessively when an Ethernet trouble timer was configured for their account
- Resolved a bug in the API_SaveDialler function so that it can now be used successfully to modify an account
- Fixed an issue in which the Polling Engine could stop when an ARC link was disrupted
- Resolved a bug in the Alarm Forwarding filter setup interface which prevented the first filter from functioning correctly

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- Enforced a minimum Dialler link soft start period of 30 seconds after a system, that had previously been upgraded from ISA 2012, generated false overdue alarms during an upgrade with this setting at 0
- Resolved a bug in the API_SetRelayState function so that it is now able to successfully set the state of a relay that hasn't been previously set from the Web UI
- Fixed an issue whereby it was possible for a Dialler to be locked out of the system when its Security Key was being automatically updated
- Improved the synchronisation of status information between Polling Engines and Secure Apps, resolving an issue which could cause false Polling Engine failures to be reported in some circumstances
- Incorporated a minor fix to the Verification of Performance report so that Diallers that are tombstoned for the entirety of the report period are no longer included

IRIS Secure Apps 4.0.4

Improvements & Fixes

- Improved handling of Dialler firmware version strings for VOP reporting
- Minor enhancements to VOP report format
- Improved handling of Security Key exchange for zero wait connections

IRIS Secure Apps 4.0.3

Improvements & Fixes

- Fixed an issue affecting systems using zero wait in which Dialler settings may not be sent to the Dialler correctly
- Fixed a bug affecting French language browsers in which spurious errors may appear in the AppBar

IRIS Secure Apps 4.0.2

Improvements & Fixes

- Enhanced the 2012->V4 Migration Tool to allow for variations in 2012 data
- Fixed Installer issues affected non-standard installations
- Rebranded user manual for IRIS Secure Apps 4

IRIS Secure Apps 4.0.1

Improvements & Fixes

- Optimised storage of historical data to reduce duplication and improve report generation times
- Enhanced the performance of real-time synchronisation between Polling Engines and Secure Apps to support the increasing load requirements of our biggest customers
- Improved the database backup procedures
- Incorporated minor web improvements following extensive 3rd party Penetration Testing
- Improved the ARC link reconnection with AMS software on re-start of polling engine
- Improved the overall experience of Polling Engine restarts in order to address the demands of Windows Server 2016's Windows Update process
- Reinforced the resilience of the Remote Service Server against connection dropouts and incorrect use of the Remote Service Client
- Added support for Groups in RSA client
- Rebranded as IRIS Secure Apps 4 (Previously IRIS Secure Apps 2016)

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- Many other build changes and bug fixes