

ISA 4.2.2

Release Notes

I 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.

2 LATEST RELEASE, IRIS SECURE APPS 4.2.2

2.1 New Feature

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

2.2 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

3 PREVIOUS RELEASES

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
- 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)
- Many other build changes and bug fixes

IRIS Secure Apps V4

Upgrade from ISA2016

- ISA V4 is the rebranded ISA 2016 release, and incorporates many improvements and new features as listed in this document.
- It is recommended that ISA 2016 systems are upgraded to ISA V4, please contact the AddSecure support team to discuss further.

IRIS Secure Apps V4

Upgrade from ISA2012 SPI and IMS

The ISA V4 is a completely new implementation of the IRIS Polling Engine and the system includes significant new features:

- Built on newer Microsoft technologies incorporating SQL Server 2014, MS Server 2016 and support for Windows 10.
- Enhanced system capacity and performance with a redesigned and optimized Polling Engine
- Zero-Wait connectivity providing permanent connection for up to 2,000 accounts per Polling Engine for instantaneous up/download connection
- 3 Operational modes including Test & Commissioning modes ensuring accurate performance reporting
- Database Integration with Microsoft SQL Server in existing infrastructure harmonising corporate policies, backups and archives
 - API providing seamless integration with alarm management software
 - Automated (off-site) backup tools for Databases and Log files
- System Notifications emailed to the “right” people to optimise maintenance