

# 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