

v2.4.0 (2025-6-5)

New Features

- Bio Slim 2 - Biometric scanner support
 - WACS now supports Bio Slim 2, biometric fingerprint scanner
- Reader LED Profile Configuration
 - Introduced support for Reader LED Profile settings via a configuration file, allowing flexible and centralized control over LED behaviours
- Mobile Push Notifications for WAVE Generic Events
 - In addition to text overlay, logs, and bookmarks, WACS events can now be pushed directly to the WAVE Mobile app

Enhancements

- User Interface
 - Refreshed UI style for a cleaner, modern look.
 - Enhanced device status indicators for clearer operational visibility.
- Performance and Integration
 - Optimized Gateway processing for improved system performance.
 - Enhanced stability and integration with Aero.
 - Upgraded Watchdog and Service Manager for more robust service monitoring.
- SSM-TS Enhancements
 - Integrated support for Break, Panic, and Bond event types.
 - Improved overall system throughput and reliability.

- Access Control
 - Increased configuration flexibility in Anti-Passback settings allowing time out up to 18 hours.
 - Added support for custom input/output settings on Aero reader boards for unused I/O, allowing more flexible configuration and resource utilization.
- Security
 - Improved login security: accounts are now temporarily locked for 30 seconds after five failed login attempts.
- Installation and Upgrades
 - Simplified installation workflow for smoother deployment.
 - Introduced in-place upgrade support (from version 2.3.1 on wards).
- Monitoring and Reporting
 - Realy On/Off are now supported in monitoring
 - WACS events can now be monitored even when the mustering report window is open.
 - Search with partial names in visitor reports.
 - Alarm sound settings now retain unused audio files instead of deleting them.
 - Improved display of operator information in the Audit Log.
- Logs and Notifications
 - General log format improvements for clarity and troubleshooting.
 - Minor corrections in system wording for improved consistency.
- WAVE Integration
 - Relay On/Off events are supported

Bug Fix

- Device Configuration
 - Resolved an issue where settings could not be saved if the Baud Rate was not selected in device settings.
 - Fixed an issue where a “Cardholder information updated successfully” message was shown even when the device was not connected.
 - Fixed an issue with setting door Minimum Operating Time, which was not functioning correctly.
- Event Handling and Monitoring
 - Fixed a bug where access denied events were received twice when access is denied by time schedule.
 - Resolved an issue where the status in the tree view was not updating when an event was excluded by the monitoring event filter.
- WAVE Integration
 - Fixed issue with Soft Triggers not working after system is rebooted
 - Fixed an issue where WAVE displayed events from the wrong device.
 - Addressed incorrect reception of Tamper, Battery Fail, and AC Fail events in WAVE.
 - Resolved an issue with event type filtering not working correctly in WAVE Generic Event settings.

Compatible Transaction Server versions

- SSM Transaction Server
 - Version: Wisenet_ACS_SSM_TransactionServer_v2.4.0_250605
 - Compatible with
 - WACS v2.4.0 or later
 - SSM v2.17 or above

- WAVE Transaction Server
 - Version: Wisenet_ACS_WAVE_TransactionServer_v2.4.0_250605
 - Compatible with
 - WACS v2.4.0 or later
 - WAVE v5.x or above

v2.3.1 (2025-2-26)

New Features

- Support migration for HID controller - Vertex → Aero

Enhancements

- Upgrade SSM-TS
 - Upgraded the libraries to resolve cyber security issues
- Enhanced installation experience
- Adding audit log search criteria

Bug Fix

- Show access denied events due to pin number input errors
- Fixed an issue where input status is not updated
- Fix errors in language translation

Compatible version of transaction server

- SSM - Wisenet_ACS_SSM_TransactionServer_v17.25_250226
 - Works with WACS v2.3.0 or later
 - Works with up to SSM 2.17 or above
- WAVE - Wisenet_ACS_WAVE_TransactionServer_v1.3_250115
 - Works with WACS v2.3.0 or later
 - Works with WAVE 5.x or above

v2.3.0 (2025-1-15)

New Features

- New card formats - Support for manual card formatting

Enhancements

- Improve security for server - Upgraded the libraries to resolve cyber security issues
- Apply HTTPS
- Apply RabbitMQ TLS
- Secure OSDP - Communicate over secure channel
- Auto Refresh - Display device status in the tree in real time
- Display reader name in monitoring
- Add operator action in audit log

- Upgrade SSM-TS
 - Upgraded the libraries to resolve cyber security issues
 - Apply HTTPS
 - Apply RabbitMQ TLS
- Upgrade WAVE-TS
 - Apply HTTPS
 - Apply RabbitMQ TLS
 - Speed up message delivery (simplify structure)
 - Removed unnecessary credentials entry
 - Remove unnecessary settings
- Support OSDP protocol in single door mode
- Support Baud Rate setting
- Eliminate security vulnerabilities

Bug Fix

- Troubleshoot mustering report information not updating
- Troubleshooting the inability to simultaneously support OSDP and Wiegand protocols on the same board
- Troubleshooting Guard Tour
 - Exit reader not recognized when using OSDP
 - Time notation errors in reports
 - Patrol progress in monitoring behaves abnormally
- Troubleshooting the Rex button that keeps blinking
- Troubleshooting installer
 - RabbitMQ settings not applied on reinstallation
 - No updates if an older version of RabbitMQ exists
- Troubleshoot synchronization issues when connecting to an Aero device

- Highlighting the MAC address field in controller settings
- Resolved an issue with incorrect loading circle display when opening WAVE-TS setting menus
- Troubleshooting action checks in WAVE settings
- Fixed auto-lock after unlocking to be applicable on X1100 only
- Resolve X button not working when exit button is pressed during graphics map setup
- Troubleshooting the X200's door sensor reversing left and right
- Remove duplicate controller in auto controller search
- Resolved multilingual translation issues
- Resolve program abnormal termination cases
- SSM-TS
 - Troubleshooting registration issue in auto search
 - Troubleshooting Web-page log-in issue
 - Troubleshoot door open/close behavior issues
 - Troubleshoot access control device status synchronization
- WAVE-TS
 - Edit service name and publisher information

Compatible version of transaction server

- SSM - Wisenet_ACS_SSM_TransactionServer_v16.25.0102_250115
 - Works with WACS v2.3.0 or later
 - Works with up to SSM 2.17 or above
- WAVE - Wisenet_ACS_WAVE_TransactionServer_v1.3_250115
 - Works with WACS v2.3.0 or later
 - Works with WAVE 5.x or above