



## Velocity Web Services v3.8.5.585 Release Notes

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# Overview

This release includes User Interface (UI) changes and new functions in Velocity Web Services Client (VWSC). These new updates include: login screen, color scheme, menu configuration, menu lists, inside tabs, searching, widgets, Who's Inside, and Status Viewer. The UI enhancements also improve wait times and a smoother experience in general. The VWSC UI user experience (UX) will continue to be a primary focus for future Velocity releases.

### KEY FEATURES IN THIS RELEASE:

New login screen: Upgraded the main login page with a new look and included the ability to preview the password along with new validation messages for clearer feedback for the user.

New Main menu: The tabs have been removed and there is now a sidebar with all available features. This menu style includes the ability to collapse or expand the options.

Americans with Disabilities Act (ADA) Compatibility: The VWSC UI/UX has been updated to be compatible with the ADA and web accessibility features to meet 508 compliance requirements including the "Read aloud" option.

Status Viewer: The VWSC Status Viewer is now a permanent option within the VWSC UI. The status viewer has several view groups, custom groups, and other functions that allow the user to monitor the security management system.

Who's Inside: The VWSC Who's Inside components have been added to the web client for users to process credentials, zones, areas, and passback status.

Alarm Viewer: Added alarm bundling and counters.

# Important Changes to Existing VWSC Features

## Enrollment

Enrollment was re-designed by dividing Enrollment into two tabs: "**Enrollment/PersonGroups**" which lists available persons in the system. It's driven by the main dropdown where the user can select a Person Group to review the persons saved in it.

The **Configure Column** was added and allows the user to select what information to display in the main table depending on the available UDF and reorder them as they need with the sort included. This applies to both the main Person List and the Credentials table.

**"Unassigned and Guest credentials" tab** is a new tab inside Enrollment where credential information is displayed on a larger screen.

The **multi-select tool** allows the user to update several credentials at the same time to avoid re-tracing.

## Alarm Viewer

Active Alarms and Acknowledge Alarms now have icons to let the user know if the alarm has Instructions or an Operator Note attached to it for easier scanning. The **Configure Column** now exists and allows the user to select the information to display and reorder. There is also a multi-select option in both tables that allows the user to select specific alarms to Acknowledge or Clear at the same time.

New VWSC Administrator settings for the System Wide Settings to the web include:

- **Always Show Instructions:** this comes with the new interface where the user can see the instructions in the same row as the alarm for quicker response. If the alarm needs several steps a "Read more" option will appear and the instruction will show in a different window with the full information.
- **Stack Alarms:** several alarms with the same ID, description and address can be grouped for easier review. They will be "stacked" together, making it possible for the user to apply Acknowledge, Clear or Add Operator Note to all alarms at the same time or separately by expanding the Count + sign.
- **Report to Normal Alarms**
  - **Auto Acknowledge of Return to Normal Alarms**
  - **Auto clean Report to Normal Alarms**

## Status Viewer

VWSC now has two options for displaying status information. There are options to choose between "Show Only" or "Status Group". Inside these views the user can **Configure Column Headers for the different devices** (or objects) and reorder them as needed. This personalization is per user only and will not interfere with other user options.

**Show Only:** this option shows all the available types of devices for the user to view, <None> is the default setting, though the user can select one of the options below:

- Doors
- Inputs
- Relays
- Readers
- Controllers
- Xboxes
- Ports
- Ports with Network Global IO

**Status Groups:** the user can search in the dropdown for custom Status Groups. When the user selects one Status Group to show, they can edit or delete that status group with the proper permissions. Users with the right permissions will have the ability to create new Status Groups.

## Who's Inside

VWSC now has the ability to add custom zone groups easily, with a similar system to the one in thick client by selecting the option and creating custom zone groups. There is a multi-select option where the user can preview, print and forgive multiple credentials at the same time.

Some of the features included are:

- Hide/Show Empty Zones
- Generate an HTML report
- Suspend/Play Zone Refresh
- General search to look for a specific zone name

## Status Dashboard - New Widget

There is now a new widget, **Event Summary (Today)**, where we can see a pie chart that specifies the number of Events that came in for the day divided by event types (Software, Access, Internal, External, and Alarm) in the system.

# Settings

There are new system wide changes in Settings, where only Admin Role users can make global system settings. There is also an "Event Summary" option in the Status Dashboard tab for "Show Widgets."

The following are divided depending on the section:

## Enrollment:

- New - Display photo in Enrollment

## Alarm Viewer:

- New - System Wide Settings
  - Always Show Instructions
  - Stack Alarms of similar type
  - Report Return to Normal Alarms
    - Auto acknowledge of Return to Normal
    - Auto clean Return to Normal

## Security Settings:

- New - Max Failed attempts:
- New - Max failed attempts during this time is considered an attack
- New - Operator lockout duration
- New - Lockout per IP Address? (Yes/No)
- New - Global Session Timeout

# New Features and Enhancements

Reference ID	Summary
IDAK-547	Add "Who's Inside" functionality to VWSC
IDAK-1213	Add ability to select different Event Viewer filters based on the tab in use
IDAK-1393	Event Viewer sorting options
IDAK-1445	Add ability to select multiple alarms in order to acknowledge or clear
IDAK-1484	Convert the Enrollment Tab to React
IDAK-1485	Convert the Alarms Tab to React
IDAK-1486	Convert the Events Tab to React
IDAK-1487	Convert the Off Normal Points modal to React
IDAK-1552	Incorporate Status Viewer tab full functionality

IDAK-1589	Provide ability to suspend scrolling of events in Event Viewer
IDAK-1608	Improve Off Normal Count processing
IDAK-1613	Add Global Credential Management Group feature for web on SNIB3 controllers
IDAK-1614	Integrate new Networked Global IO into Who's Inside functionality
IDAK-1641	Use Database Transactions in Device Control Tab components
IDAK-1673	Add Function category "Special" in Credentials and Credential Templates
IDAK-1753 IDAK-1754	Device Control - Performance improvement to pagination to "DigiTrac Configuration" for clients with large systems
IDAK-1755	Optimize DB queries in Service layer
IDAK-1759	Update React library
IDAK-1784	Status Viewer tab - Add right click on components for "Access" and "Control" functions
IDAK-1785	Enrollment - Person list main page redesign
IDAK-1786	Enrollment - Person information page redesign and conversion to React
IDAK-1787	Unassigned and Guest Credentials main page redesign and conversion to React
IDAK-1788	Add and Edit Credentials Properties redesign and conversion to React
IDAK-1793	Enrollment - Advanced Search
IDAK-1796	General changes to Settings: adding a signifier for global settings to signify a setting only Administrators can view and edit
IDAK-1798	Add and Edit Credential Template redesign and conversion to React
IDAK-1799	Enrollment - Find Credential function redesign
IDAK-1809	Who's Inside - UI changes
IDAK-1811	Add "Events" to all tabs in Velocity Web 3.8.5
IDAK-1812	Enrollment - Add and Edit Person information
IDAK-1813	Minimized Device Control list to include options for Access or Control
IDAK-1816	Include column item selection quantities
IDAK-1818	Who's Inside - Configure columns feature
IDAK-1821	Implement Web Sockets backend for better performance in Events tab
IDAK-1823	Implement Web Sockets backend for better performance in Status Viewer tab
IDAK-1824	Implement Web Sockets backend for better performance in Photo Call-Up tab
IDAK-1825	Implement Web Sockets backend for better performance in Alarms tab
IDAK-1826	Implement Web Sockets for IIS feature
IDAK-1828	Web Sockets for "Queued Downloads" widget
IDAK-1831	Added support for .NET 4.8

IDAK-1832	Added support for TLS 1.3
IDAK-1834	Make React conversion ADA compatible
IDAK-1836	Implement Web Sockets for "Access Summary" widget in Status Dashboard
IDAK-1840	Settings - ADA compatible implementation
IDAK-1842	Alarms - ADA compatible implementation
IDAK-1843	Events - ADA compatible implementation
IDAK-1844	Device Control - ADA compatible implementation
IDAK-1845	Status Viewer - ADA compatible implementation
IDAK-1846	Who's Inside - ADA compatible implementation
IDAK-1847	Reporting - ADA compatible implementation
IDAK-1848	Status Dashboard - ADA compatible implementation
IDAK-1886	Windows Authentication - Keep the changes made when updating to new version
IDAK-1887	Events - Add/Edit/Delete Custom Filters
IDAK-1890	Alarms - Main page layout
IDAK-1891	Alarms - Ack Alarms, Clear Alarms and Add Operator Notes action
IDAK-1892	Alarms - Instructions modal
IDAK-1893	Alarms - Show Operator Notes on an Alarm (Single and multiple notes)
IDAK-1894	Alarms - Admin and other Settings
IDAK-1897	Added feature to generate an Operator Audit Event Log entry when a report is initiated
IDAK-1903	"About" dialog conversion to React
IDAK-1904	"Connection to Velocity Security Domain Service" dialog conversion to React
IDAK-1907	Events - Download Canceled, Event ID 6005 needs more info
IDAK-1910	Events - Configure Columns and Order
IDAK-1911	Events - Be able select multiple events types in "Filter Events by Type"
IDAK-1912	Add an Event Type chart graphic widget in Status Dashboard
IDAK-1928	Update the main layout of the website to React
IDAK-1929	LED control for Wiegand TS Readers
IDAK-1930	MCZ Bonus LED color control for OSDP TS Readers
IDAK-1931	Added a flag to detect write-protect jumper status in CCM
IDAK-1933	Alarms - Configure Columns and Order
IDAK-1936	Hide deprecated Dial-Up from UI with MiscProperties switch
IDAK-1947	Added "Data" field option to Find Credential process
IDAK-1948	Status Dashboard - Add ability to collapse the Events Widget
IDAK-1949	Settings - Add option for Events inside Reports

IDAK-1950	User Interface changes for consistency in general (Photo Call Up, Who's Inside, Reports)
IDAK-1967	Added the ability for operators with a role to save to make changes to the General tab.
IDAK-1968	Login redesign and conversion to React
IDAK-1969	Removed controller initialization method radio button
IDAK-1973	Include .NET Framework 4.8 to the Web Bundle for Updates\Installations on split IIS Servers
IDAK-1977	Who's Inside - Use Display/Preview badge React modal
IDAK-1979	User Interface Main tabs redesign
IDAK-1981	Improved animation process when selecting all Controllers in "Door Group" and "Photo Call-Up"
IDAK-1984	Add type search in dropdown inside Door Groups
IDAK-1987	Added web service function to load alarm level
IDAK-1993	Who's Inside - Change "Display badge" modal
IDAK-1998	Main Tabs - ADA compatible
IDAK-2000	Photo Call-Up - Modal information conversion to react
IDAK-2004	Add hover to the collapsible menu in main tabs to give users more info on the functionality
IDAK-2009	Changes in the User interface for "Find Credential" modal
IDAK-2010	Icon changes to main tab "Collapse" menu
IDAK-2011	User interface changes to the Alarms tab
IDAK-2036	Status Viewer - Remove the "Configure Column Headers" option from the "Masked Only" option
IDAK-2037	Implemented cache for role permissions to increase performance
IDAK-2039	Real Time Events Parsing handling
IDAK-2041	Added URL in installer to reference WebSockets
IDAK-2058	Fixed issue with socket and DB deadlocking the service while clearing 1k or more alarms
IDAK-2059	Enrollment - Add a search in "Dropdown List" type UDF
IDAK-2067	When stopping VWSC Service, all users are logged out
IDAK-2085	Guest Credentials - Unassign process
IDAK-2100	Fixed Photo Call-Up delays
IDAK-2111	Enrollment - "Undo" button should be disabled until an actual change is made to a person
IDAK-2132	Port Search - Implement component locking
IDAK-2149	Status Viewer - Remove option "Wireless lock" from the "Show Only" dropdown list

## VWSC Bug Fixes

Reference ID	Description
IDAK-1429	Changed warning message in Doors, Inputs, and Expansion Input to: "DOTL Warning time must be less than DOTL time"
IDAK-1657	Fixed Master Time Zones table duration to load/display information
IDAK-1665	Fixed pagination implementation on Master Time Zones and Grand Master Time Zones
IDAK-1675	Fixed person subgroups selection
IDAK-1681	Fixed incoming Alarms table skipping a page
IDAK-1744	Fixed issue where with Alarm Viewer synchronization
IDAK-1746	Fixed adding a new Credential from a Template where the activate date is not showing the current date
IDAK-1756	Fixed issue in Photo Call-Up tab where a credential that is "Unassigned," the Access Granted status was not displayed
IDAK-1771	Fixed issue where Velocity Web Service did not recover from DB connection loss
IDAK-1774	Fixed issue where printing a badge from web client did not specify which web client did the action
IDAK-1830	Fixed issue where removing a tab for a user that had it as Landing page creates a loop error
IDAK-1876	Fixed issue where IPv4 Ports disappear from list in Device Control tab
IDAK-1874 IDAK-1877	Fixed issue when Previewing and Printing double-sided badges
IDAK-1882	Fixed issue where login generates "ERR_TOO_MANY_REDIRECTS" using Windows authentication
IDAK-1939	Fixed issue where you are unable to update UDF if a credential is added with "Concatenate UDFs - separator is middle of UDF"
IDAK-2015	Fixed issue with an event missing while an operator prints a badge
IDAK-2038	Fixed issue where Access Summary widget was not working in systems with large databases
IDAK-2040	Fixed issue where queries for single quote named elements were crashing the application.
IDAK-2053	Fixed issue in Photo Call-Up where doors are duplicated when they have "Entry and Exit reader"