Vertiv™ Environet™ Alert
Release Notes

VERSION 1.4.4, APRIL 2024

Release Notes Section Outline

1. Features and Bug Fixes
2. Supported Software Information
3. Technical Support Information

1. Features and Bug Fixes

This version of Vertiv™ Environet™ Alert focuses on minor feature enhancements, bug fixes, performance improvements and platform updates. For simplicity and clarity, not all minor tasks (with reference numbers) are included in these release notes.

Version 1.4.4 Features

REFERENCE NUMBER	DESCRIPTION
US384	Added HTTPS security headers.
US521	Extended Modbus registers.
US530	Disabled security vulnerability HTTPS by default.
US533	Using Security Vulnerability vulnerable version of Tomcat.
US539	Using Security Vulnerability vulnerable version of OpenSSL.
US541	Security Vulnerability Weak SSL/TLS Key Exchange.
US599	[Recurrent] Performed OWASP dependency check.
US798	[POC] Connected the devices under a Vertiv™ Liebert® RDU501 intelligent monitoring unit.
US828	Updated components.
US833	Upgraded Niagara.
US835	Added performance improvements.
US840	Added support for Modbus TCP registers in the 50,000 range.
US849	Updated MariaDB.
US852	Added support for unsupported ciphers.
US859	Optimized the floorplans.
US862	Optimized the loading of the board page.
US867	Removed the KWH from the tenant.
US870	Improved the loading time for add/delete boards.

Version 1.4.4 Features Continued

REFERENCE NUMBER	DESCRIPTION
US871	Upgraded to Tomcat v.9.0.85 and Apache Web v.2.4.58.
US878	Added a wait time after three consecutive invalid login attempts.
US885	Added upgrades and code improvements.
US886	[Security] Implemented non-critical changes on FE side.
US887	Extended Modbus with a missing property.
US888	Added missing Modbus properties for different type of points.
US891	Turned off the Hazelcast monitor.

Version 1.4.4 Bug Fixes

REFERENCE NUMBER	DESCRIPTION
DE191	The Base Station defaults to supporting TLS 1.2+.
DE503	Changing the username to "admin" changes the field to read-only.
DE509	Modbus TCP registers in 50,000 range is now supported.
DE510	The user was prevented from logging in on port 8443.
DE567	Large backups were not restoring properly.
DE645	Log4j Security Alert v2.17.
DE649	The display alignment of the License Dashboard view has been fixed.
DE651	There was limited visibility of the enum alarm values.
DE660	Tenants can only have 50 circuits.
DE675	Changing Modbus byte order properties does not apply.
DE754	[Cambridge Uni] KW-hr net consumption isn't calculated as intended.
DE770	The KWH of the tenant does not match the total KWH of the circuits.
DE788	Security Vulnerability – The sanselan-0.97-incubator library was replaced.
DE790	Alarm Trap Message – The alarm name was being sent in the SNMP trap rather than the UUID.
DE791	System Settings - LDAP/AD Users Prototypes - Special characters in the prototype name are not decoded correctly.
DE800	Unnecessary license checks cause slow performance.
DE805	The Time Series trend is not working.
DE806	The floorplans display a bug.
DE810	The IP Camera feed is not stopping when closing the session.
DE811	Groups – Upon entering the app, a request for groups is called twice rather than once.
DE814	(Continued) The circuit KWH is not calculating.
DE820	[Security #7] Vulnerable version of Moment.js is used.
DE822	The time format is inconsistent in the Maintenance section.
DE823	Notifications - Email notifications show the temperature in Fahrenheit instead of Celsius.
DE824	Device Point - Setting alarms – The alarm conditions do not work properly because the temperature value warnings are in Fahrenheit instead of Celsius.
DE825	Device Point Alarm Threshold - Setting Alarms/Warnings – Fifteen decimals are added to values such as 27 or 24.
DE827	System Settings - Accessing EA manual tooltip from a remote computer does not work.

Version 1.4.4 Bug Fixes Continued

REFERENCE NUMBER	DESCRIPTION
DE828	Visualizations – The Filtering Data Sets fields do not work as expected.
DE829	Boards - Floorplan – When the user deletes devices from a floorplan, the devices are not removed.
DE830	User Modal – When attempting to edit a user, the format of the edit modal changes momentarily before closing.
DE832	Reports / Visualizations – Renaming a device does not change the names of the points in the graphs.
DE833	Clicking outside any modal closes it without asking or saving progress.
DE834	Boards – Points – The point unit cannot be changed from Celsius to Fahrenheit or vice versa.
DE835	Boards – Groups – When creating a new group for a board, the Create button is not disabled when clicked. This allows the user to click the button again, resulting in an error message stating that a group with that name already exists.
DE836	Devices – Points – The alarm thresholds hold the last saved value when disabling/enabling the alarm or warning.
DE839	Visualizations – Reports – The scheduled email reporting service does not work.
DE840	Report Schedules set for the day of 30 or 31 cause the application to crash in February.
DE842	Collections – Input Points – Loading times are slow when adding/removing Input points.
DE843	Collections – Input Points – No loading placeholder is shown when the request for adding/removing Input points is being processed.
DE844	Alarm Database – Deleting many events takes a while, and no loader placeholder is shown while the action is happening.
DE847	Maintenance – Searching devices for maintenance takes too much time.
DE848	History Database – Handle delete records from a point that has a net consumption calculation error.
DE849	Alarm Database – The delete process takes too much time.
DE850	Alarm Database – Alarm records – No loading placeholder is shown when a request for deleting individual events is being processed.
DE851	Login – Repeatedly clicking log-in fast after pressing once sends authentication requests, even if the login is greyed out.
DE852	Loaders were added to all deletion operations in the application.
DE862	Devices – No loading placeholder is shown when a request for performing mass configurations on devices is being processed.
DE863	Devices – Add calculated point - Adding calculated points creates double columns in the Input/Calculated table.
DE864	Reports - Schedule Report – The schedule report hour is set in server time, rather than browser time.
DE867	Quick-start – The page reloads a couple of times after reaching quick start.

Version 1.4.4 Bug Fixes Continued

REFERENCE NUMBER	DESCRIPTION
DE868	Reports – Email report – An issue with the email temporary folders occurs.
DE869	A backup with no history is unable to be restored.
DE870	Log in – Users can send authentication requests during the five-minute time-out.

2. Supported Software Information

- Client Browser (latest tested versions):
  - Microsoft Edge (122.0.2365.59)
  - Firefox (122.0.1)
  - Chrome (122.0.6261.95)
- Server Operating System:
  - Windows Server 2022 (Recommended)
  - Windows Server 2016, 2019
  - Windows 10, 11 64-bit

3. Technical Support Information

For technical support, please email dcimsupport@vertiv.com, or call 1-800-222-5877 and select option 7.