

SOFTWARE RELEASE NOTES

CEMS Portal Version 6.0.0

This document provides the changes to CEMS version 6.0.0

Purpose of the Release

The purpose of this document is to communicate new features, changes, and solved bugs in this release of CEMS software. It may also document workarounds and any feature restrictions.

Updates

- Restructure the SMS contents [Header, Body]
- Restructure the Email contents [Header, Body]
- Details section in Alarm details popup (in the alarm table) to be restructured clearly and display as field areas.
- Reformat report scheduler message with downloadable link
- CEMS server storage resizing
- Migrate SMS to AWS SNS
- Change the phase Action level to Warning on alarms table/general notifications
- Change the phrase comments to acknowledge on alarms table
- Update Default check boxes for alarms table filter

New Features

- Reporting
 - Report Scheduler
 - The ability to add a customer logo in all the formats of the reports.
 - Ability to select multiple devices from the Telemetry level report
 - Ability to select devices for the Telemetry level report device by <Device Name> - <Serial Number>
 - Ability to set up reports without having end dates.
 - Ability to subscribe different and multiple recipients into reports
 - Addition of a poll rate option in the telemetry data export
- Notifications
 - Ability to preconfigure the acknowledgement statements for notifications
 - Notification Scheduler
 - Ability to disable the warning and alarm notifications in the Notification Scheduler menu, via email, SMS

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- Ability to set the temporary warning and alarm thresholds for a period (change thresholds for a certain time)
 - Ability to pause notifications via email, SMS
- Acknowledgement pop ups for alarms/warnings/inactive/calibration on login of cems or during use
- Alarm table colorization
- Ability to enable/disable pop ups per user
- Addition of icon that gives the ability to hide/reshow pop ups on alarms table
- Data Visualization
 - Compare
 - Ability to compare devices of similar parameter types in any space or building
 - Addition of the export icon for the "Compare devices" feature and to add the new template of report
 - Ability to move widgets within the dashboard.
 - Dynamic device sizing on floor plan to allow for view of complete floor plan with all devices
 - Single y-axis for the parameters if all the parameters have the same "units" across
 - Addition of error status for particle counter device type

Solved Bugs

- No clear email/SMS for Alarm to Action Level Transition
- Legends of the parameters added are missing in the stacked trend graph dashboard.
- Not able to manually download the device PDF (for 7 days and 30 days) if the report runs for many pages because of the more data in the audit log table
- Data trends(graphs) in the device PDF report is blank
- Issues with Calibration Dates in Reports
- SMS content has irrelevant characters [AT&T]
- Slow database performance and high latency observed for queries in CEMS Production database