



OpenTech IoE: Internet of Everything

R23 Release Notes

June 30, 2021

OpenTech IoE Release 23 went into production on June 30, 2021. The following platform enhancements are included in this latest release.

[Epic 14765] – Clustered Facility Map Pins

Prior to Release 23, pins were individually placed on the Facility Map according to the location of a self-storage property. This could result in pins being overlaid on top of one another making it more difficult to see the individual facilities on the map.

The enhanced Facility Map clusters the individual pins according to region and activity status. Control Center users can zoom into a map cluster to “break apart” the pins to see the individual facility details.

The **Green** shaded cluster in *Figure 1* is an example of all six self-storage facilities operating as usual. The **Red** shaded cluster means there is an issue. A **Yellow** shaded cluster would indicate a facility is in a warning state.

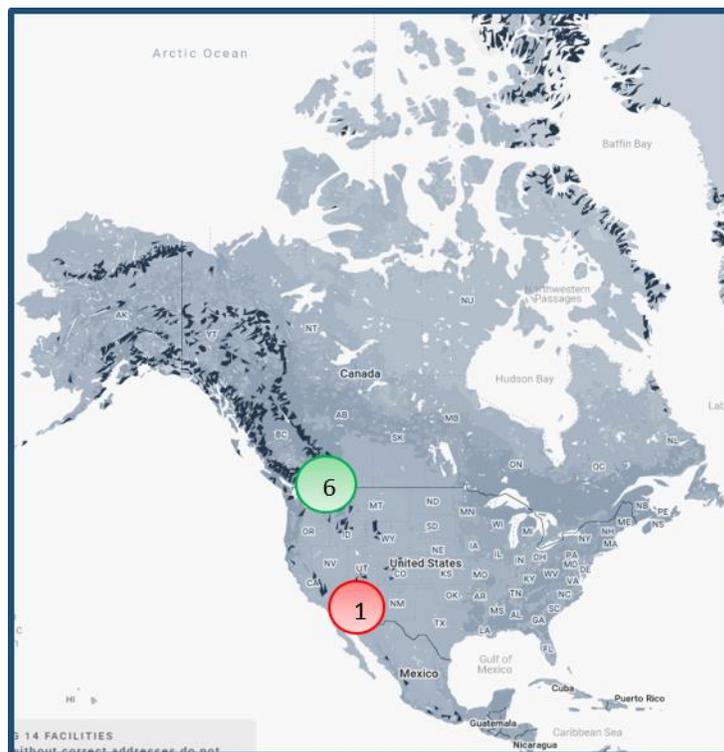


Figure 1 (Example of Clustered Map Pins)

The following story is included in the Cluster Facility Map Pins Epic:

[14768] Group Facilities on the Map for Control Center Users

[Epic 14507] – Combining Gateway and Integration Events

A new tab in title of “Integration Events” was added to the Events for Facility – Events to Display modal. Control Center user can opt in for one or more Integration events to display in the Events for Facility Log where applicable. *Figure 2* shows the Integrations Events available for selection.

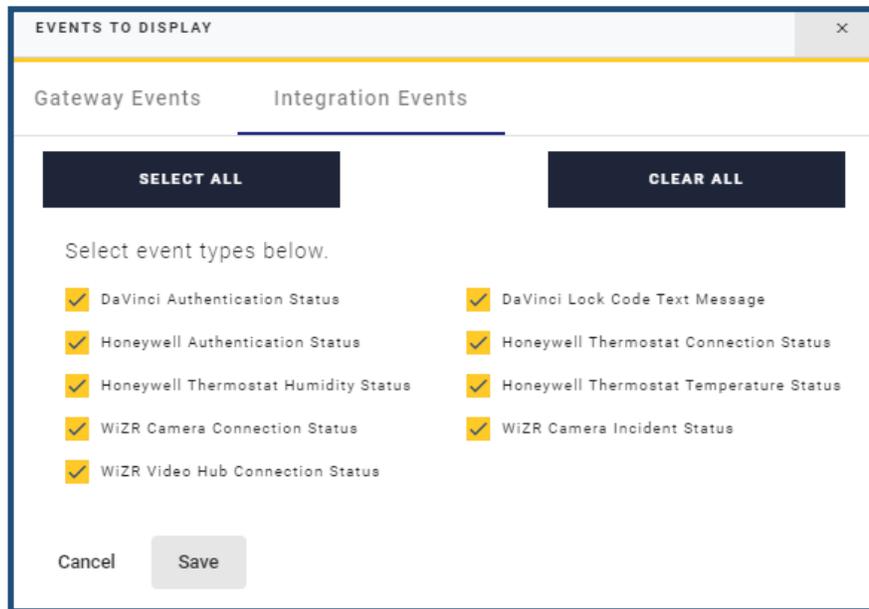


Figure 2 (Integration Events)

A new tab in title of “Integration Events” was also added to the *Facility Events report* so that users can opt in for one or more Integration Events where applicable. The available Integration Events are the same as what is shown in *Figure 2*. User can print the report, export the data and / or schedule the Facility Events report.

The following stories are included in the Combining Gateway and Integration Events Epic:

- [14520] Combined Events: Gateway & Integration Events (Events for Facility)
- [14521] Combined Events: Gateway & Integration Events (Facility Events Report)

[Epic 14508] – Clearing Unit Alarms

The Individual Unit Alarm feature was added in OpenTech IoE Release 16 that was deployed into Production on December 5, 2019. Individual Unit Alarms track when units are opened, closed or in an alarming state.

This feature works in conjunction with the Individual Unit Alarm circuit board designed for customers who have made the investment in unit alarms and do not want to abandon that investment and/or they use the availability of alarms as a marketing tool to attract more customers.

The following enhancements were added to Individual Unit Alarms in Release 23:

- Control Center Admin user can override the alarm state to realign with the Gateway and the Cloud should an exception condition arise and the system becomes out of sync.
- SmartSpace Unit Alarms List View
 - Allows Control Center user to filter and sort by unit alarm status (opened, closed, alarming), unit board name and board input.
- Closed Alarm State
 - Can be set to "Opened".
- Opened Alarm State
 - Can be set to "Closed".
- Alarming State
 - Can be set to "Opened" or "Closed".
 - Facility alarm status is updated and any active alarms for the unit cleared.
- Alarm Removed from Unit
 - Unit alarm should return to a "Closed" state.
- Alarm Unassigned and Unit Deleted
 - Alarm attached to that unit will have its state reset to "Closed".

- The current state of the alarm is displayed in the following:
 - SmartSpace Unit Alarms List View
 - SmartSpace Edit Unit modal
 - Facility Status Alarms widget
 - Dashboard Unit Alarms widget
- Alarm States
 - Enabled and Closed
 - Enabled and Opened
 - Disabled and Open
 - Disabled and Closed
 - Alarming and Open
 - Alarming and Closed
- Alarm Status
 - The color **Green** indicates the alarm is closed.
 - The color **Red** means an alarm state has occurred.

The following stories are included in the Clearing Unit Alarms Epic:

- [12286] Clear a Unit Alarm in "Alarming" State
- [12287] Change a Unit Alarm in "Open" State
- [12290] Unassign a Unit from a Unit Alarm and Clear Current State
- [14695] Change an Alarm in "Closed" State
- [14697] Unassign a Unit Alarm and Clear Current State When Deleting a Unit
- [14725] Filter on Unit Alarm Status, Unit Board and Board Index

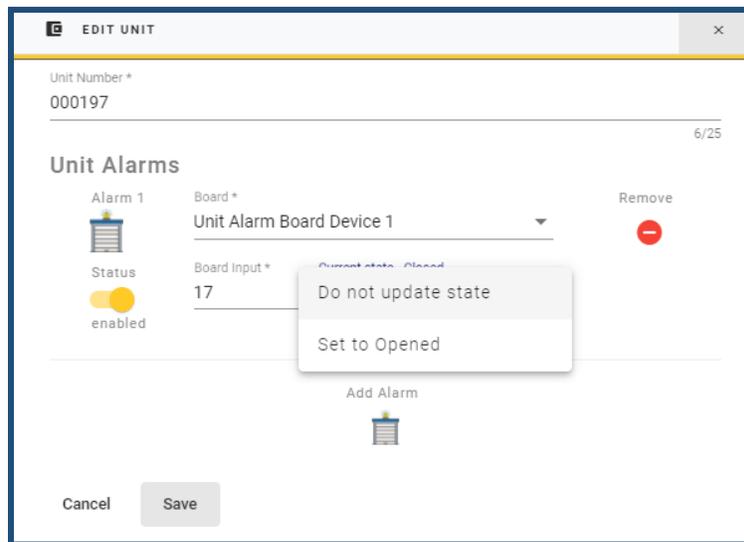


Figure 3 (Example of unit alarm in Closed state with option to set to open)

[Epic 14785] – Facility Setting Updates

- Definitions for Facility Settings were updated to be more intuitive and relatable for Control Center users. This change was implemented prior to the production release of R23.
- iLock settings are hidden, as they are not in use at this time.
- Loitering
 - A new setting was added in title of “Loitering Prevents Exit”:
 - Prevents exit for a visitor considered to be loitering as per the “Loitering Time” setting.
 - This rule is evaluated *after* “Tailgating Prevents Exit”.
 - Selecting “Yes” enables the Loitering rule.
 - Selecting “No” disables the Loitering rule.
 - Loitering Time (hours)
 - Time period time that a visitor can be on site at a property before they are considered loitering.
 - This setting is used by the Control Center to determine which visitors are considered to be loitering.
 - To prevent exit for loitering visitors, enable the “Loitering Prevents Exit” rule.
 - Setting a value of zero (0) will prevent visitors from being considered loitering.

The following stories are included in the Facility Settings Epic:

- [14527] Update / Hide Facility Setting Definitions
- [14786] Loitering Setting Adjustment

[Epic 14202] Facility Hardware Screen Filter

Control Center users can query for hardware related to the selected facility and | or by the hardware UID. A search will be performed if the following conditions are met:

- A valid facility is selected or partial hardware UID.
- Partial hardware UID entered is at least three (3) characters long.
- Partial hardware UID entered cannot contain any spaces.

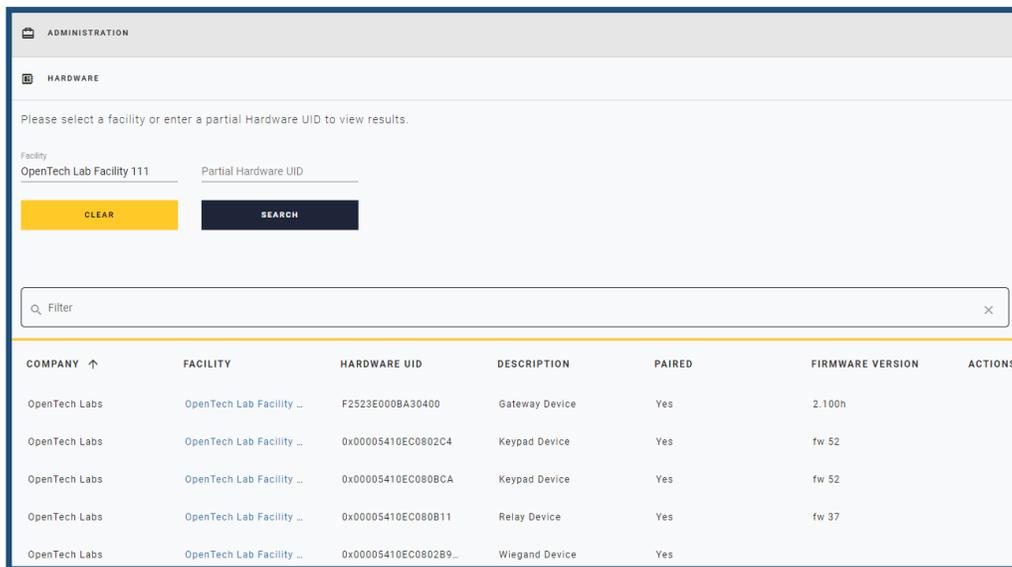


Figure 3 (Hardware screen with Facility and Hardware UID inputs)

OpenTech Support

The OpenTech IoE / CIA team is available to address any questions:

- (602) 773-1700 (Option 1) **or** via email at ioesupport@opentechalliance.com