



# OpenTech IoE: Internet of Everything

## R25 Release Notes

*February 10, 2022*

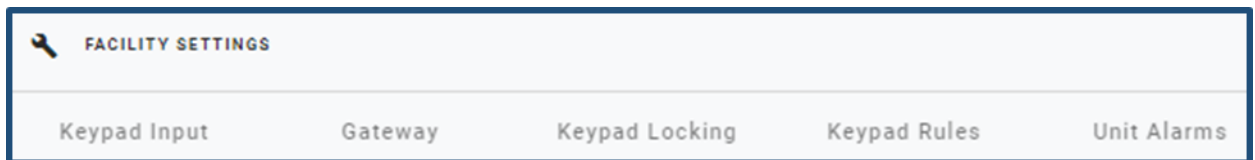
OpenTech IoE Release 25 went into production on February 10, 2022. The following platform enhancements are included in this latest release. Additional details about each feature follow below.

- ✚ Regroup Facility settings in the Control Center
- ✚ New Control Center report to track user executed Commands
- ✚ Allow Admin User to Delete Application / Application Authorization
- ✚ Remove SmartEye integration from the Control Center
- ✚ Technical Platform enhancements and optimization

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### [Epic 15093] – Regroup Facility Settings

Facility settings are now organized by type of setting for ease of locating a setting as well as visually seeing the relationship one setting has with others for a given category.



- Keypad Input
  - Access Code Start Key
    - The "start" of each visitor access code at keypads. Options are \*, # or Blank.
  - Access Code End Key
    - The "end" of each visitor access code at keypads. Options are \* or #. This value cannot be the same as the Access Code Start Key.
  - Text Me My Code Start
    - The sequence of characters that the visitor uses to begin the Text Me My Code Functionality at keypads.
  - Key Press Input Masking
    - The character used to mask keypad input instead of displaying input Numbers. Selecting "Blank" will disable Input Masking.

### [Epic 15093] – Regroup Facility Settings – Keypad Input (cont'd)

- *Access Code Missing Prefix*
  - Masks access code input with an \* after matching the selected prefix of the Access code. Key Press Input Masking must select “Blank” for this feature to work. Selecting a blank prefix disables Access Code Masking.
- *Display Bad Access Codes in Events*
  - Display the input in the Invalid Access Code error message which can be seen in the Control Center Event log. Selecting ‘No’ suppresses the keypad input from the Event messages.

#### - Gateway

- *Gateway Polling Interval (seconds)*
  - The rate that the Gateway will poll the cloud for updates and commands. Reducing this value will make the gateway respond faster to commands from the Control Center but will increase network traffic.
- *Gateway Manager Password*
  - Password used to perform manager operations on the Gateway.
- *Gateway Maintenance Password*
  - Password used to perform maintenance operations on the Gateway.
- *Gateway Temporary Code Lifespan (minutes)*
  - Period of time that access codes added via the Gateway web page will be valid. Setting a value of 0 will not set a lifespan for access codes.
- *Enable Wiegand Access Codes*
  - Wiegand devices can be used to grant access. Selecting “No” will disable Wiegand use.
- *Device Timeout Period (seconds)*
  - The period of time that the Gateway will wait to receive communication from a device before the device is reported as offline.

## [Epic 15093] – Regroup Facility Settings (cont'd)

- Keypad Locking
  - o *Invalid Access Code Retry Count*
    - The maximum number of invalid access code entries that can be attempted at a keypad before it is temporarily locked out. Setting a value of 0 will disable keypad locking.
  - o *Invalid Access Code Retry Time (seconds)*
    - The period of time that must elapse before the count of invalid access code attempts will reset to 0.
  - o *Invalid Access Code Lock Time (seconds)*
    - The period of time that the keypad will not accept access codes if the maximum number of invalid access code entries is reached.
- Keypad Rules
  - o *Always Allow Exit After Facility Close*
    - Allows any access code to exit after the facility is closed, even if the access code does not match a visitor. This rule takes precedence over all other exit rules. Selecting “No” will disable this rule.
  - o *Tailgating Prevents Exit*
    - Prevent exit for visitor that did not use an entry keypad when entering the property. This rule is evaluated after “Always Allow Exit After Facility Close”. Selecting “No” will disable this rule.
  - o *Loitering Time (hours)*
    - 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 visits are considered loitering. To prevent exit for loitering visitors, enable the “Loitering Prevents Exit” rule. Setting a value of 0 will prevent visits from being considered loitering.

### [Epic 15093] – Regroup Facility Settings – Keypad Rules (cont'd)

- *Loitering Prevents Exit*
  - Prevent exit for visitor that is considered loitering, per the “Loitering Time” setting. This rule is evaluated after “Tailgating Prevents Exit”. Selecting “No” will disable this rule.
  
- *Allow Visitors to Exit*
  - Allows visitors to exit the property, regardless of their time group or delinquent status. This rule is evaluated after “Loitering Prevents Exit”. Selecting “No” will disable this rule.
  
- *Allow Delinquent Visitors to Exit*
  - Allows delinquent visitors to exit the property. This rule is evaluated after “Allow Visitors to Exit”. Selecting “No” will prevent delinquent visitors from exiting the property.
  
- *Allow Exit Within Grace Period (seconds)*
  - The period of time a visitor is allowed to exit the property after their time schedule has ended. This rule is evaluated after “Allow Delinquent Visitors to Exit”. Setting a value of 0 will prevent visitors from exiting the property after their time schedule has ended.
  
- *Automatically Mark Visitors Offsite (seconds)*
  - Period of time after a visitor enters the property before they will automatically be considered offsite. This setting is typically only used for properties without exit keypads. This value should be larger than the “Loitering Time” setting to avoid a conflict with the “Tailgating Prevents Exit” setting. Setting a value of 0 will disable automatically marking a visitor offsite.
  
- *Require Entry Keypad Usage*
  - Visitors must use an entry keypad before using interior keypads of the property. This setting does not apply to exit keypads. Selecting “No” will disable this rule.

### [Epic 15093] – Regroup Facility Settings (cont'd)

- Unit Alarms
  - o *Automatically Disarm Vacant Units*
    - Automatically disarm individual unit alarm when unit is vacant. This setting only applies for properties with one or more Unit Alarm Boards installed. Selecting “No” will disable automatic disarm of unit alarms for vacant units.
  - o *Unit Alarm Delay (seconds)*
    - The period of time to delay reporting individual unit alarm open or close events. This setting only applies for properties with one or more Unit Alarm Boards installed. Setting a value of 0 will prevent any delay.

### [Epic 18798] – **NEW** Control Center Report: User Tracking of Executed Commands

A new facility report in title of “Gateway Commands” is now available to Control Center users to track who executed a command and when the action was executed. The report is accessible from the Facility Reports menu.

The Gateway Command report includes the following:

- Date / Time the Command was executed
- Type of Command
- Command Description
- Who Initiated the Command

The report displays all Gateway Command updates for a given date range of ‘Today’ (default), past 24 hours, Past 7 days, past 30 days OR a custom date range. Report results can be filtered, printed or output to a CSV file. The Gateway Commands report is run ad hoc; it cannot be scheduled.

Examples of executed Commands include:

- Enable Emergency Mode == Disable Emergency Mode
- Disable All Site Access == Enable All Site Access
- Execute Action Group Entry Gate == Execute Action Group Exit Gate

**GATEWAY COMMANDS**

This report displays gateway command updates for a given date range.  
Select a date range below.  
Click **search** to view the results.

Start Date \* 1/2/2022 Start Time \* 12:00 AM  
End Date \* 1/31/2022 End Time \* 11:59 PM

**SELECT DATE PRESET**

**SEARCH**

Filter

**GATEWAY COMMANDS RESULTS - 1/31/2022, 3:58:49 PM**

UPDATED ON	UPDATE TYPE	COMMAND TIME	COMMAND TYPE	COMMAND	CREATOR
1/17/2022, 12:43:54 PM	Command Completed	1/17/2022, 12:43:42 PM	Run Action Group	Execute action group Entry gate	dkrajewski@opentechalliance.com
1/17/2022, 12:43:54 PM	Command Completed	1/17/2022, 12:43:45 PM	Run Action Group	Execute action group Exit gate	dkrajewski@opentechalliance.com
1/17/2022, 12:43:54 PM	Command Completed	1/17/2022, 12:43:49 PM	Run Action Group	Execute action group Entry gate (close ...	dkrajewski@opentechalliance.com
1/17/2022, 12:29:00 PM	Command Completed	1/17/2022, 12:28:33 PM	Emergency Disable	Disable emergency mode	dkrajewski@opentechalliance.com
1/17/2022, 12:27:58 PM	Command Completed	1/17/2022, 12:27:25 PM	Emergency Enable	Enable emergency mode	dkrajewski@opentechalliance.com
1/5/2022, 8:23:31 PM	Command Completed	1/5/2022, 8:22:58 PM	Site Access Enable	Enable all site access	cia.ota.qa+auto_system_admin_default.
1/5/2022, 8:21:58 PM	Command Completed	1/5/2022, 8:21:56 PM	Site Access Disable	Disable all site access	cia.ota.qa+auto_system_admin_default.

## [User Story 18798] – Remove Reference to SmartEye in the Control Center

All references to SmartEye have been removed from the Control Center because the integration is no longer supported.

- *Administration => Configuration (left Nav)*
  - The option for 'SMARTEYE'
  - 'DAVINCI LOCK' should now be the last entry on the left Nav
- *Dashboard - Events for Facility*
  - WiZR Integration Event types
- *Reports*
  - WiZR Integration Event type option in the Facility Events report

### [User Story 18798] – Remove Reference to SmartEye in the Control Center (cont'd)

- *SmartEye on the Dashboard*
  - Reference to SmartEye from the Dashboard; e.g.,
    - 'Want to connect SmartEye cameras?
    - Contact your account administrator to begin configuration"
    - SmartEye widgets
- *Alerts*
  - SmartEye tab

### [User Story 18854] - Allow Admin User to Delete an Application

System Administrator users can now **delete an Application** in the Control Center as well as continue to perform an Add or Edit Application action from the drop down Actions List. This action is not available to Account Administrators.

- Administration => Configuration => Applications
- The Drop Down Actions List for each Application Company shall include an option to 'Delete' the Application.
- A confirmation dialog will be displayed before the Application is deleted.
- If the Application is associated with one or more Application Integrations, an error dialog will present with text similar to "Unable to delete <Application Name>. The Application has 'N' existing application integration(s)."
- If the delete is successful, the user will be returned to the Application list view, which will refresh to remove the deleted application.



## [User Story 18855] - Allow Admin User to Delete an Application Authorization

System and Account Administrator users can now **delete an Application Authorization** in the Control Center from the drop down Actions List.

- Administration => Configuration => Application Authorizations
- The Drop Down Actions List for each Authorized Company shall include an option to 'Delete' the Authorization.
- A confirmation dialog will be displayed before the Application Integration is deleted
- If the delete is successful, the user will be returned to the Application Integration list view, which will refresh to remove the deleted Application Integration.

## [Epic 16896] – Technical Platform Enhancements and Optimization

Enhancements were made to continue to optimize the OpenTech IoE platform to ensure that our products are well positioned to allow new functionality and to also scale for growth.

The following Features are included in the Technical Platform Enhancements and Optimization Epic:

16897	Feature	Gateway Command Resilience
16981	Feature	Gateway Database Isolation
16990	Feature	Gateway Inactive Command Processing
17024	Feature	Gateway Event Processing Infrastructure Obsolescence
17029	Feature	Elastic Cluster Optimizations
17030	Feature	SSM Parameter Store Integration
17031	Feature	Simplify Auth Configuration
17032	Feature	Migrate from EOL .NET Framework versions
17192	Feature	R25 Database Performance

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## 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](mailto:ioesupport@opentechalliance.com)