

Action Management

Datasheet

Action Management enables events (alarms and data driven alerts) from the system to be securely made available in an application on a mobile device (Pulse for Connected Buildings App).

It provides the ability to display a list of those events and access more detail about them. The alarms can be acknowledged, closed, flagged or snoozed, data driven alerts closed or ignored.

Each user can individually configure and filter the notifications to keep focus on the critical alarms.

A chat facility enables collaboration with other users.

Functionality

Action Management offers main three packages:

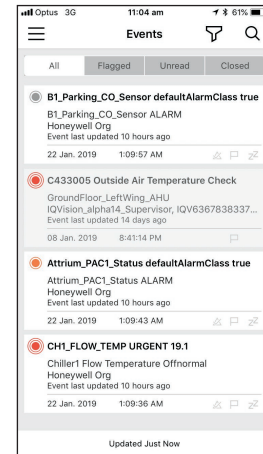
- Basic
- Enhanced
- Custom

Basic

Action Management Basic enables alarms from up to 500 points on the System to be made available in an application on up to two mobile devices (Pulse for Connected Buildings App) using a cellular data network.

It provides the ability to display a list of those alarms and access more detail about an alarm. The alarms can be acknowledged, closed, flagged or snoozed.

Additional users and alarm points can be added as required.



Enhanced

Action Management Enhanced provides the same functionality as the Action Management Basic package, plus the ability to constantly run analytical rules on the plant data and generate data driven alerts if typical basic plant faults are detected: Outside Air Temperature Malfunction, AHU overloads, Heat/Cool Generator shortcycling, BMS controls communication issues, Manual Overrides, Actuator oscillation, MidTerm Energy profile anomalies.

Additional users, alarm points can be added as required.

A collaboration facility enables discussion amongst other users who have been notified about the alarm/event e.g. to discuss possible solutions to the issue.

Custom

Action Management custom enables the offering to be customised to suit site requirements.

FEATURES & BENEFITS

- Deliver events (alarms and data driven alerts) to mobile devices via cellular data network in near-real-time.
- Acknowledge alarms
- Snooze alarms
- Flag events for future attention
- Close data driven alerts
- View related alarms
- Only receive relevant events
- Collaborate with other users

Architecture

There are three components that work together to deliver Action Management:

- nCloud Honeywell Sentience Driver
- Honeywell Sentience
- Pulse for Connected Buildings App

nCloud Honeywell Sentience Driver

The nCloud Honeywell Sentience Driver is a driver for Niagara stations that pushes data and alarms from plant via secure standard IoT communication channels to Honeywell Sentience. It is hosted by an N4 Supervisor or N4 Controller station.

Honeywell Sentience

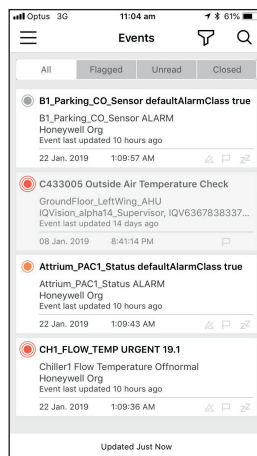
Honeywell Sentience processes the raw data into consumable information as alarms and data driven alerts which will be sent to pre configured users on their mobile device using standard cellular data connections.

Pulse for Connected Buildings App

The Pulse for Connected Buildings App is an iOS or Android app that receives events from Honeywell Sentience and alerts the user to events that have occurred. Its functionality is dependent on the Action Management package purchased.

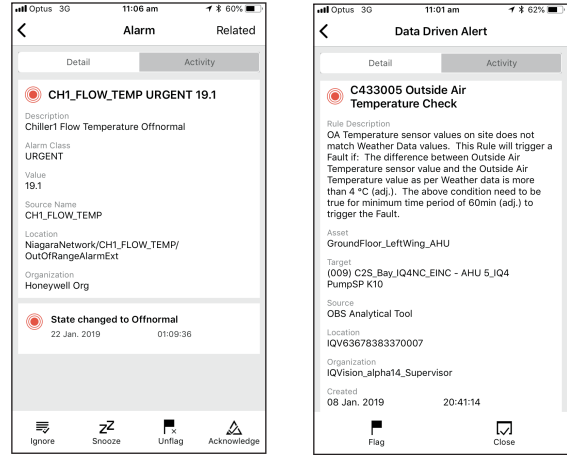
Event List

The Event List displays a list of events received from the system. The list can be refined by status, priority or by searching. Alarms can be acknowledged, closed, or flagged. Data driven alerts can be flagged.



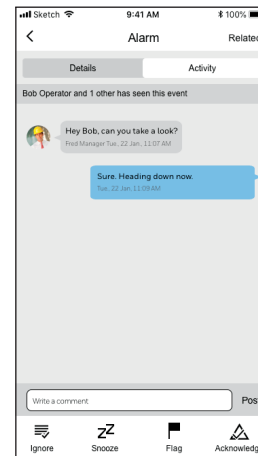
Detail View

The Detail View provides more information about an individual event which is useful when locating the cause. Alarms can be acknowledged, ignored, snoozed or flagged. Data driven alerts can be closed or flagged.



Activity View

The Activity View displays information about who has seen/acknowledged the alarm, and a collaboration facility enables discussion amongst other users who have been notified about the alarm e.g. to discuss possible solutions to the issue.



Compatibility

- Alarms to be sent to the nCloud Honeywell Sentience Driver station.
- nCloud Honeywell Sentience Driver: The nCloud Honeywell Sentience Driver requires N4 Controller or N4 Supervisor running Niagara 4.4 or greater.
- Pulse for Connected Buildings App: iOS 9 or greater and Android 5.0.

Installation

The installation procedure involves:

- Installing and configuring the nCloud Honeywell Sentience Driver
- Configuring the Honeywell Sentience portal
- Installing and configuring the Pulse for Connected Buildings App

For details of the installation and configuration process see the Action Management Manual (TE201428).

Order Codes

SER-AM-BAS	1 year license for Action Management Basic for 500 nClouddriver points and 2 Pulse for Connected Buildings App users.
SER-AM-ENH	1 year license for Action Management Enhanced for 500 nClouddriver points, 100 analytic points, 8 generic analytic rules, and 4 Pulse for Connected Buildings App users.
SER-AM-CUS	1 year license for Action Management Custom, a custom package for special customer requests.
SER-AM-ANA	Add 50 analytic points to Action Management Enhanced for 1 year.
SER-AM-BAS-RENEW	1 year licence renewal for Action Management Basic.
SER-AM-ENH-RENEW	1 year license renewal for Action Management Enhanced.
SER-AM-CUS-RENEW	1 year license renewal for Action Management Custom.
SER-AM-ANA-50-RENEW	1 year license for 50 additional analytic points for Action Management Basic.
SER-AM-BAS1U	1 year license for 1 additional Pulse for Connected Buildings App user for Action Management Basic.
SER-AM-BAS5U	1 year license for 5 additional Pulse for Connected Buildings App users for Action Management Basic.
SER-AM-BAS10U	1 year license for 10 additional Pulse for Connected Buildings App users for Action Management Basic.
SER-AM-ENH1U	1 year license for 1 additional Pulse for Connected Buildings App user for Action Management Enhanced.
SER-AM-ENH5U	1 year license for 5 additional Pulse for Connected Buildings App users for Action Management Enhanced.
SER-AM-ENH10U	1 year license for 10 additional Pulse for Connected Buildings App users for Action Management Enhanced.
SER-CBM-NSEN500	Honeywell Sentience driver with 500 nClouddriver points for 1 year.
SER-CBM-NSEN1000	Honeywell Sentience driver with 1000 nClouddriver points for 1 year.
SER-CBM-NSEN2500	Honeywell Sentience driver with 2500 nClouddriver points for 1 year.
SER-CBM-SEN10K	Honeywell Sentience driver with 10000 nClouddriver points for 1 year.
SER-CBM-SEN50K	Honeywell Sentience driver with 50000 nClouddriver points for 1 year.

Note: Before ordering Action Management, it is necessary to carry out a site survey to determine if the site is suitable for Action Management, and what, if any, updates will be required.

