



# Gallagher and HALO Smart Sensor Integration

Ensure better situational awareness with a single interface for all events and alarms.

## Gallagher HALO Integration

HALO Smart Sensors detect substances in the atmosphere as well as light, pressure, temperature, humidity, and sound.

The Gallagher HALO integration allows HALO events and alarms to be displayed, monitored, and reported on within Command Centre, just like other events and alarms. This allows Operators to easily view HALO events and alarms in Command Centre rather than having to use multiple disparate systems, saving time and providing better situational awareness.

HALO devices can be configured to display in Command Centre on both Site Plans and Status tiles.



## HALO Smart Sensors

The HALO Smart Sensor provides a comprehensive health and safety tool while ensuring privacy in areas where you would prefer not to use a camera or microphone. It is the #1 vape detector worldwide for vaping and vaping with THC detection. As of 2021, HALO has won over 50 awards and is in over 1,500 school districts throughout the USA to help combat the vaping epidemic. Devices such as the HALO Smart Sensor are not only helpful for schools, but other markets as well such as healthcare, hospitality, commercial buildings, apartment complexes, assisted living, and more.

The HALO Smart Sensor provides the following functionality:

- Indoor Air Quality Monitoring
- Vape Detection
- THC Detection
- Gunshot Detection
- Emergency Key Word alerting
- Audible alerting
- Light/Occupancy alerting
- Chemical alerting
- VOC alerting
- Tamper alerting
- Temperature, Humidity and Pressure alerting

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## HALO Smart Sensor Use Cases

### Air quality monitoring

Command Centre operators can monitor air quality to ensure that it is suitable for the environment, by receiving alerts when it goes outside of preset thresholds. This can be particularly useful in healthcare and education settings as well as manufacturing and commercial.

### Gunshot detection

If the HALO Smart Sensor detects a gunshot, Command Centre can be configured to automatically lock down the facility or an operator can manually initiate lockdown when the alarm is raised.

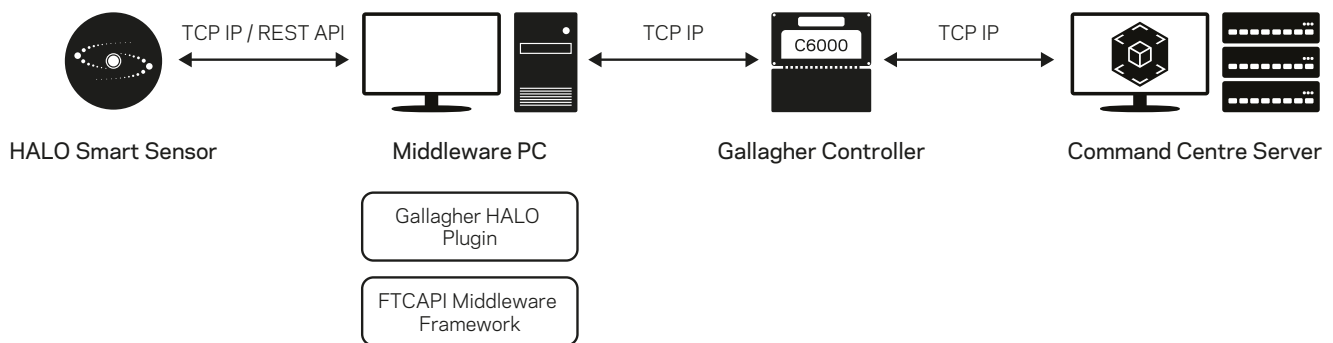
### Vape detection

It can be used to help schools address the growing vape epidemic by sending an alert to Command Centre when vape is detected.

### Aggression and keyword detection

In areas such as restrooms, where cameras are not recommended for privacy reasons, the HALO Smart Sensor can alert to abnormal noise associated with aggression or bullying and spoken pre-programmed keywords, raising an alert in Command Centre which allows a guard or other person to respond and investigate.

## System Architecture



## Technical Specifications

| Command Centre version                  | Devices per Command Centre server                   |
|-----------------------------------------|-----------------------------------------------------|
| Gallagher Command Centre v8.70 or later | Maximum 2000 HALO devices per Command Centre server |

| Product number                      |
|-------------------------------------|
| C12880 - Gallagher HALO integration |

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