HALO Smart Sensor

Emergency Escape Lighting

Air Quality Monitoring

Chemical and Gas Detection

Measure Noise Levels

Panic Button

Vandalism and Trespassing Alerts

Gunshot Detection

Vape and THC Detection

Disease Prevention with Health Index

HALO Smart Sensor is Multi-Patented and Design is Trademarked
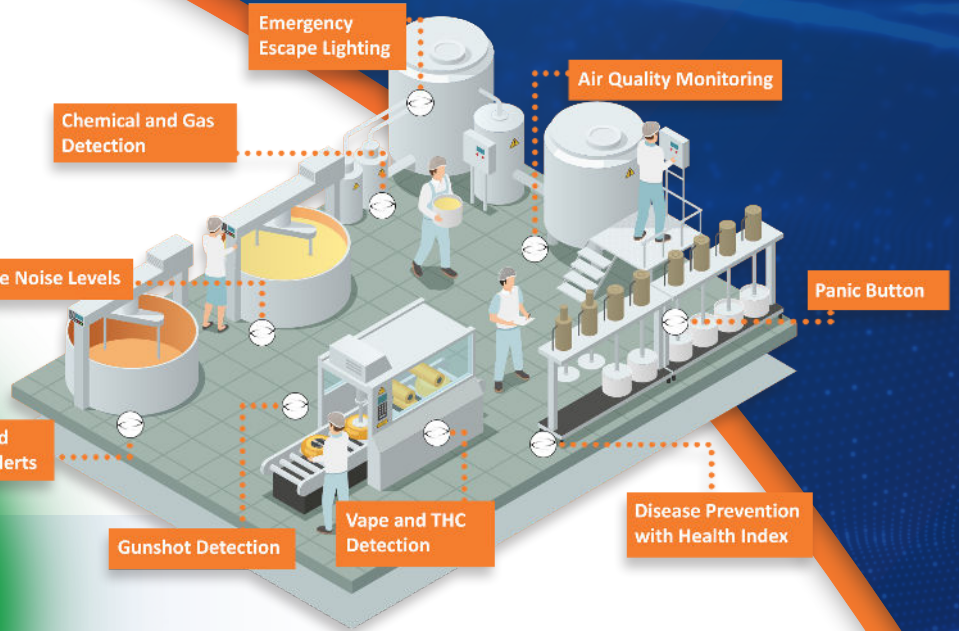
HALO Smart Sensor
our all-in-one health, safety and vape device.

HALO is a key component in the solution to providing a low-risk environment by monitoring Carbon Dioxide (CO_2), Particulate Concentrations, Humidity, Volatile Organic Compounds (VOC), and Nitrogen Dioxide (NO_2) in the air. **HALO** delivers safe, healthy, and comfortable environments that keeps all personnel safe while, at the same time, saving money by efficiently running the HVAC system.

DISEASE PREVENTION
Ensure your staff is safe from airborne diseases, prevent the spread of infectious disease, ensure rooms have been cleaned, and the air is properly filtered.

AIR QUALITY MONITORING
See the average quality of the air you are breathing over the course of a few hours. Automate and ensure proper ventilation in each room with BACnet integration.

VAPE AND MARIJUANA (THC) DETECTION
Identify vaping and THC usage in privacy areas such as offices, bathrooms, break rooms, and manufacturing floors.

CHEMICAL AND GAS DETECTION
Catch chemical spills and hazardous gases in mechanical or utility rooms, custodial closets, and maintenance areas.

PANIC BUTTON[1]
Users can trigger alerts via an external 3rd party panic button or via the HALO cloud app. The location of the trigger is associated to the HALO device in closest proximity.

AGGRESSION DETECTION
Protect your staff and customers. With HALO you are able to detect fights and loud noises in usually quiet areas.

MOTION DETECTION
Receive trespassing alerts when movement is detected in unauthorized areas and after hours.

CUSTOM SENSOR OPTIONS
Need customized calibrated industrial sensors? HALO 3C has options for Ozone, Sulfur Dioxide, Hydrogen Sulfide, Nitrogen Dioxide, and more!

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HEALTH

Health Index · Air Quality Index · Carbon Monoxide · Carbon Dioxide · Nitrogen Dioxide · Relative Humidity · Temperature · TVOC · Particulates · Chemicals

SAFETY

Help (Spoken Keyword) · Emergency Alert Lighting · Panic Button[1] · Occupancy (People Counter)[2] · Gunshot · Aggression · Motion · Tamper

VAPE

THC · Vape · Vape Masking · Smoking

HALO CLOUD

HALO Cloud enables staff to respond rapidly to vaping, environmental and safety events via real-time site-specific notifications. Allocate resources effectively with a range of analytics and reporting capabilities, aggregate data, and manage multiple devices across multiple sites.

REAL-TIME NOTIFICATIONS

HALO Cloud enables administrators to set up customized alerts via email and mobile app push notifications. Configuration options include event type(s), device list, recipient list and day-time notification windows.

SITE-SPECIFIC ACCESS

HALO Cloud enables administrators and site managers to configure user access to HALO Cloud and the HALO App (including notifications) at a site (i.e. location) level.

LIVE VIEW MAP

Enables users to view events detected by HALO devices on easy-to-use interactive maps providing faster resource allocation and response times.

ANALYTICS

HALO Cloud Analytics enables users to define custom Event Heat Maps, Event Trend Graphs and Sensor/ Event Data Graphs offering insight into safety and air quality/ indoor environmental trends.

DASHBOARD

The HALO Cloud Dashboard provides an at-a-glance view of the most recent events, current sensor levels, event hot spots, air quality levels, and system health status as well as two analytics tools: Heat Maps and Event Trend Graphs.

LOGGING AND REPORTS

Download up to 3 months sensor and event data to satisfy reporting requirements to the board of education, local health department, OSHA or any requesting authority.

MAINTENANCE AND SUPPORT

HALO Cloud provides the HALO Cloud Support Team with visibility into device status and the ability to remotely update device configuration and firmware version.

SECURE

Utilization of AWS Certified and accredited computing environments and applications. Third-party penetration tests performed annually.

SYSTEM HEALTH STATUS

Provides system administrators with a snapshot of device connection status minimizing downtime & lowering risk.

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