HALO
SMART SENSOR

HALO Smart Sensor is Multi-Patented and Design is Trademarked

HALO Smart Sensor
Environmental Monitoring Solution for Senior Living Communities

One of the biggest challenges facing senior living administrators is to deliver on their day-to-day operational responsibilities while complying with extensive federal and state legislation. The **HALO Smart Sensor** and **HALO Cloud** monitoring solution helps administrators meet their regulatory obligation to provide a **"safe, clean, comfortable and home-like environment"** while helping to save energy costs.

TEMPERATURE
HALO monitors room temperature to ensure it is within regulatory limits and can be programmed to send an alert when residents' rooms or common areas are too warm or cold.

LIGHT LEVELS
HALO can be configured to trigger an alert when light levels are below the recommended level of 300 Lux during the day or above 5 Lux at night.

SMOKING AND VAPING
Use of vaping devices and cigarettes is completely forbidden or restricted to designated areas of residential care homes in many states. HALO can alert administrators when any of these are detected.

ABUSE & NEGLECT
Facilities are required to "protect residents from abuse and neglect". HALO's audio algorithms can be programmed to alert staff to fights and calls for help, and to monitor the frequency of check-ins by staff.

VANDALISM & TRESPASSING ALERTS
HALO can be configured to send notifications when lights or noise is detected in unauthorized areas and after hours.

HUMIDITY
HALO can alert administrators and facility managers when relative humidity is below 40% or above 60%. This improves patient health by preventing allergies from mold and mildew and minimizing the risk of disease transmission.

SOUND
HALO can be configured to trigger alerts when sound levels exceed World Health Organization recommended levels for hospitals of 40dBA maximum or 30 dBA continuous.

AIR QUALITY INDEX (PARTICULATES & CONTAMINANTS)
According to the EPA, Air Quality can have a significant impact on heart and lung health, particularly in the elderly. HALO enables staff, residents and their families to monitor Air Quality at a room level.

PANIC BUTTON SUPPORT[1]
Healthcare workers are five times more likely to be injured by workplace violence than any other profession. HALO's panic button integration alerts management and security staff to incidents via the HALO Cloud dashboard, mobile app and email.

MANAGE HVAC ENERGY COSTS
HALO can help administrators and facility managers minimize HVAC system use and expense when rooms are unoccupied.

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Key Features

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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