CAS-LINK™
MONITOR + CONTROL

Cloud-Based Building Management

CASLink is a cloud-based Building Management System that allows users to monitor and control HVAC, lighting, refrigeration and utilities at **NO MONTHLY FEE** when maintained by a CaptiveAire representative. Built-in proprietary algorithms provide periodic assessments and recommendations regarding cost reduction measures to optimize building performance.

MONITORING

Indoor Air Quality
Monitor temperature, humidity and CO2 levels to maintain occupant comfort

- Optimize employee productivity and enhance customer experience
- Reduce drafts and hot/cold pockets in the space

Equipment Operation
Monitor relevant operating parameters and alerts from equipment in real time

- Timely detection of faults reduce costs associated with equipment downtime
- Practice cost efficient preventive maintenance instead of expensive reactive maintenance
- Confirm proper installation and performance of equipment

Utility Usage
Monitor energy, water and gas usage

- Reduce utility costs through peak demand reduction and problem detection

CONTROLS

HVAC, Kitchen Ventilation and Lighting

- Control set points and operation remotely using any internet enabled device
- Block unwanted and arbitrary changes in thermostat settings
- Prevent unnecessary overnight operation of equipment
- Save on energy costs through strategic scheduling of equipment

ANALYTICS

CASLink's proprietary algorithms continuously evaluate

- Opportunities for optimization of HVAC equipment performance
- Feasibility of capital investments on energy efficient equipment
- Utility usage as it compares to industry benchmarks

Figure 1. RTULink provides real time and historical graphing of analog inputs such as temperature, humidity and CO2 readings.
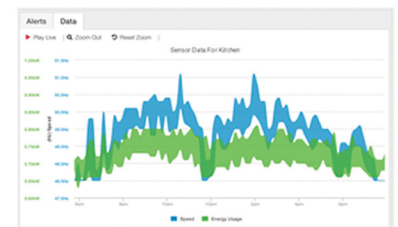

Figure 2. Identify peaks in detail for humidity and temperatures.
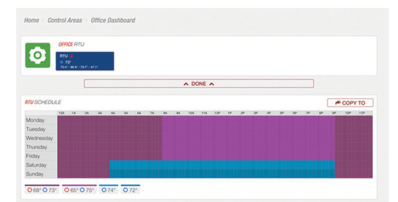

Figure 3. The Scheduling function allows you to define an occupancy schedule as well as different operating set points for any time frame.

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CAPTIVEAIRE

What Can CASLink Monitor and/or Control?

Kitchen Equipment, Ventilation and Refrigeration Systems:

- Exhaust Fan Operation
- Make-up Air Operation
- Variable Frequency Drive Operation and Faults
- Kitchen Hood Lights
- Room, Exhaust, Make-up Air and AC Discharge Temperatures
- Kitchen Hood Fire System (CORE)
- Fault Conditions and Overload Trips
- Cooler/Freezer Temperatures and Humidity
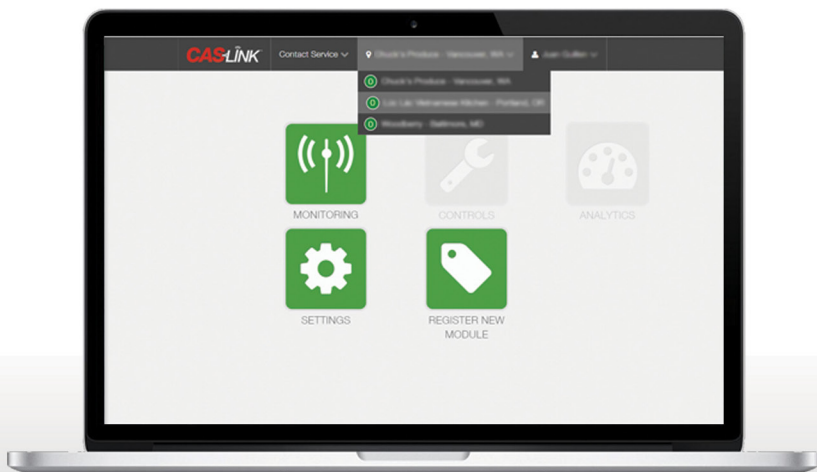- Equipment Status (ON/OFF)

Space Conditions

- Area Temperature and Humidity
- Building Pressures

Roof Top Units:

- Space, Outside, Discharge and Return Temperatures, RH and CO_2 Concentrations
- Outside Air Damper Position
- Thermostat Commands
- Unit and Controller Faults
- Economizer and DCV Controls
- Set Point, Scheduling and Full Cloud-based
- Thermostat Controls

Utilities

- Energy, Water and Gas Sub-metering
- Water Temperature
- Heat Recovery Coil Operation and Savings

CASLink features monitoring of systems across different locations around the country on any Internet capable device