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

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*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.
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)

### Roof Top Units:
- Space, Outside, Discharge and Return Temperatures, RH and CO2 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.