CAS LINK
MONITOR + CONTROL

How CASLink compares with the competition:

Compared to conventional off the shelf Energy Management Systems, CASLink provides a significant expansion of potential monitoring points. Offering the control and monitoring of full scale Building Management, at the price point of small scale smart thermostats, CASLink bridges the gap between features and cost.

Monitoring Points

VENTILATION SYSTEM	CASLink	Conventional Energy Management Systems
Fire System Discharge and Alerts	✔	
Make Up Air and Exhaust Fan Status	✔	
Make Up Air and Exhaust Fan Amperage, Speed, Energy Consumption, Etc	✔	
Reason Fans Are On (Temperature, User, Etc.)	✔	
Reason for Fan Failure	✔	
Exhaust Duct Temperatures	✔	
Make-up Air Discharge Temperature and Humidity	✔	
Electrical Package Fault Status	✔	
Electrical Package Settings (Offsets, Modulation Range, Timers)	✔	

UTILITY MONITORING	CASLink	Conventional Energy Management Systems
Total Energy Consumption	✔	✔
Energy Submetering	✔	✔
Hot Water Consumption Rate	✔	
Cold Water Consumption Rate	✔	
Total Water Consumption Rate	✔	
Water Temperature	✔	
Incoming Water Pressure	✔	
Gas Pressure	✔	
Total Gas Consumption	✔	

HVAC SYSTEM	CASLink	Conventional Energy Management Systems
Failure to Reach Cooling/Heating Set Point for HVAC	✔	✔
Temperature Sensor Failure	✔	✔
Blower Failure	✔	
Individual Heating/Cooling Stage Failure	✔	✔
Outside Air Damper Malfunction	✔	
System Operating Improperly at Unscheduled Time	✔	✔
Two Units in Conflicting States (One Heating/One Cooling)	✔	✔
Return, Discharge, Space & Outside Air Temp. for Each Unit	✔	
Economizer Status	✔	
Remote Scheduling	✔	✔
Heating Set Points/Cooling Set Points	✔	✔
Alarm States	✔	✔
Humidity (Space, Outside, Return, Discharge)	✔	✔
CO_2 Based DCV	✔	✔

BUILDING LIGHTING	CASLink	Conventional Energy Management Systems
Status (On/Off)	✔	✔
Remote Schedule	✔	✔
Electrical Consumption	✔	✔

BUILDING PRESSURES	CASLink	Conventional Energy Management Systems
Atmospheric Pressure	✔	
Zone Pressure	✔	
Alarms/Faults Associated with Building Pressure	✔	

Please note that not all options are required. Each system is tailored to suit customer's budget and specific needs.

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