

FAULT DETECTION IN FACILITIES

The Entronix expert AI system can read and analyze data in realtime to find faults in facilities



1

WHAT IS THE BENEFIT?

The fault detection system can alert an engineer before operational issues like HVAC malfunctions occur rather than after failures have already resulted in lost revenue or upset tenants.



2

HOW DOES IT CONNECT?

The Entronix gateway is placed onsite and can connect to a Building Automation System via BACnet, Modbus, JSON, XML or oBIX (Tridium) and pulls real-time HVAC data into the Entronix Platform for fault analysis.



3

HOW DOES IT FIND FAULTS?

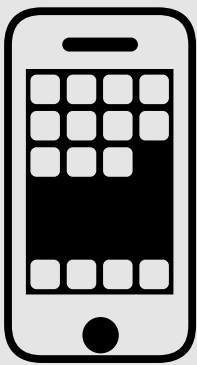
Entronix scans BAS data via its AI expert systems, then displays what faults occurred or are about to occur in a simple to understand visual format. Users can program their own fault-detection rules.



4

EASY TO UNDERSTAND VISUALIZATIONS

Entronix's interactive charts allow engineering to view faults by device, unit, rules, or date ranges. These views can be zoomed in and out to represent exactly what engineers wants to see.



5

FAULT NOTIFICATIONS

Fault-alarms can be sent via email or text notifications. Alarms can trigger instant notifications or be deferred to a time of engineer's choosing, such as in a summary at the end of the day.



6

CAPITAL IMPROVEMENT

Entronix can also calculate dollars lost due to faults. Engineers can use this data to calculate ROI to fix equipment and help in planning and budgeting capital improvements.