



The SimplySnap Equipment Uptime solution collects and monitors data such as energy usage, temperature, vibration, airflow, and other parameters to track the health and generate notifications about critical systems and their components in your facility.

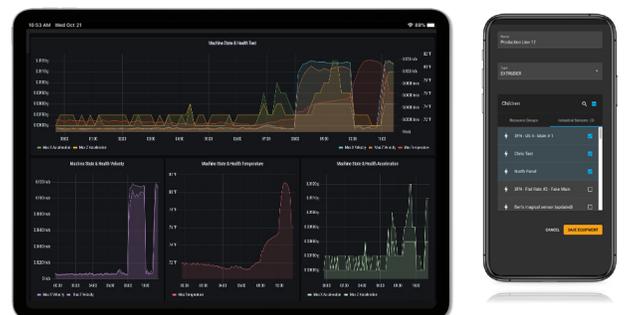
SimplySnap Equipment Uptime uses a mixture of industrial sensors to connect to critical parts of equipment to determine the normal operating conditions. Thresholds are created in the system to generate notifications and alerts to key personnel when any parameter is outside of normal operating conditions. By helping identify problems early, SimplySnap helps Facility Managers plan for maintenance and inspection to determine the cause and develop corrective action plans, preventing equipment failure from bringing down production.

SIMPLE USER INTERFACE

With SimplySnap, users can quickly view operational details and the current state for all the critical equipment in a facility from a single screen.



The responsive design and intuitive user interface works great on laptops, tablets, or phones for quick access and real time updates to the system. Our intelligent condition monitoring solution scales easily to support large organizations with single or multiple facilities.



KEY APPLICATIONS

MANUFACTURING FACILITIES



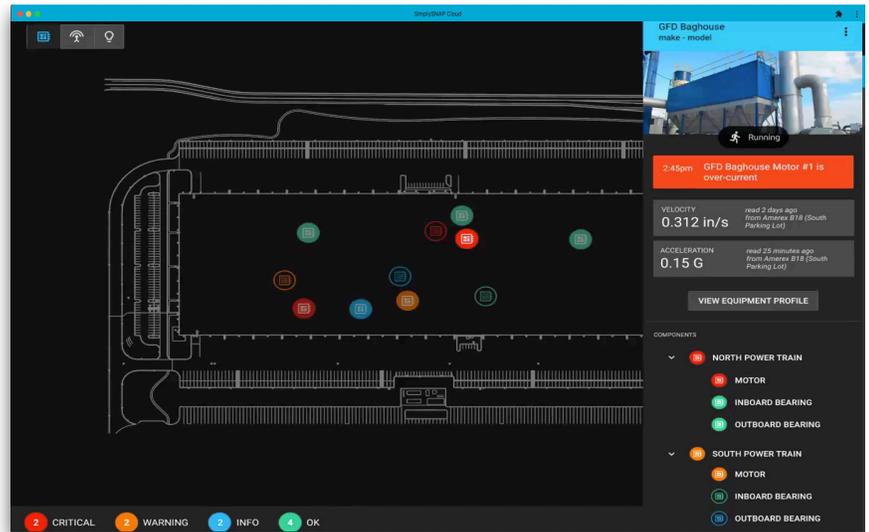
- + Automotive
- + Fabricated Metal
- + Foundries

- + Heavy Equipment
- + Light Industrial
- + Processing Plants

SOFTWARE FEATURES

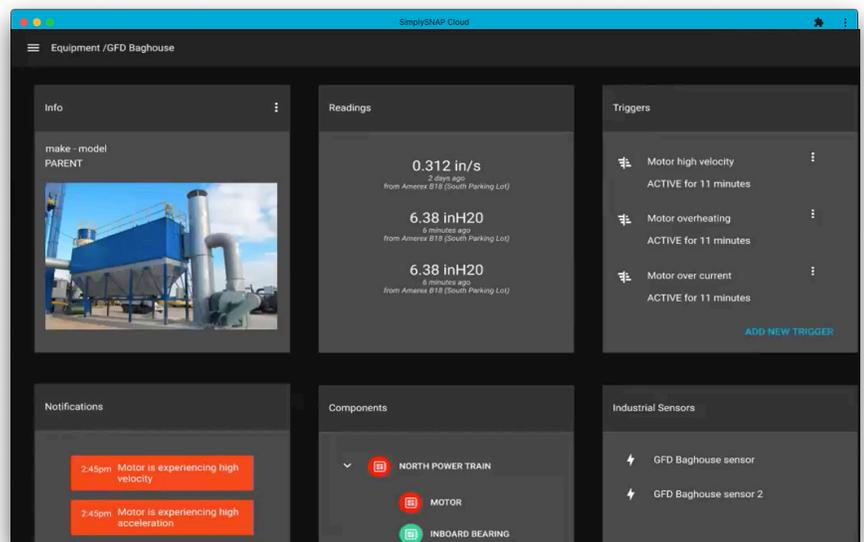
FACILITY EQUIPMENT MAP

SimplySnap provides a complete view of the entire factory floorplan to view the current status and any issues with equipment from a single screen. For details, users can select specific equipment to view more granular sensor data.



EQUIPMENT PROFILE

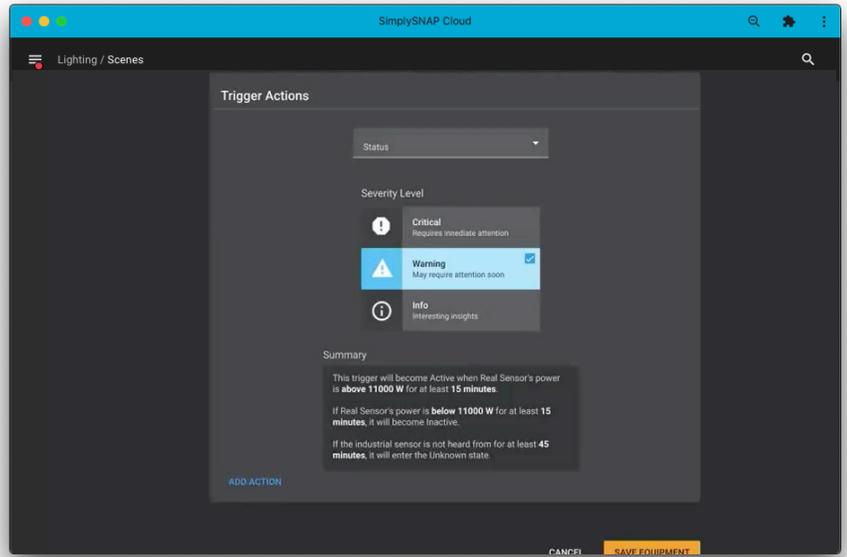
SimplySnap allows users to view specific equipment details and the attached sensors. Quickly scan the current alerts, notifications, and sensor measurements to help escalate troubleshooting and maintenance issues.



SOFTWARE FEATURES

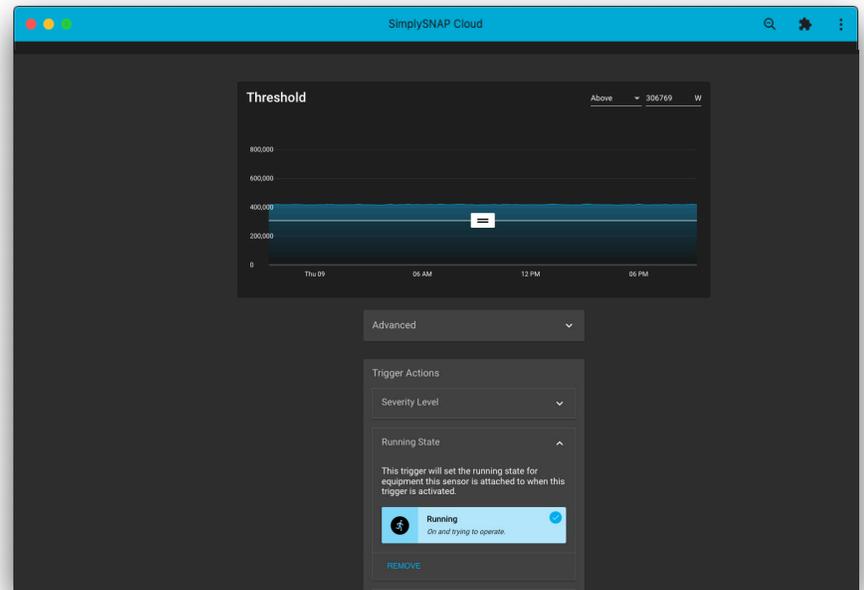
THRESHOLD NOTIFICATIONS

Notify facility personnel when sensors cross certain thresholds for a given amount of time. Early detection provides faster response times and helps to avoid larger potential issues that can impact operations or damage equipment.



RUNNING STATE

Create thresholds to monitor the amount of energy being used by each piece of equipment to determine if it is running, idling, or off. This data creates a current view across your facility to show the state of each piece of equipment on the facility map.



TIME SERIES DASHBOARDS

Visualize the data of each sensor over time to perform detailed analysis and associate sensor data to production and operation schedules. Create meaningful thresholds for alerts based on real data over a specific range of time.



OTHER SOFTWARE FEATURES

- + Mult-site management: Single log-in and one interface to manage multiple locations
- + User Account Levels: Different user account levels restrict access and control to the system to provide basic users with only the tools they need
- + Use supported Industrial sensors to monitor motor temperature and vibration, energy consumption, or compressed air pressure.
- + Alerts and alarms: Notifications are sent immediately when issues are detected
- + Energy Cost: Monitor the energy consumption and calculate the cost of equipment, departments, and energy data across the whole facility (optional)
- + Expansion: Use with other Synapse-enabled devices to add control of lighting systems, compressed air, or HVAC systems (optional)

HARDWARE COMPONENTS



CBSSW-450-002
Site Controller

The CBS Site Controllers are key components of every SimplySnap solution from Synapse. Site Controllers coordinate communication out to all the Synapse-enabled devices that are part of the mesh network. They manage system configuration details, gather power and status information, apply zone behaviors, store scheduled events, generate notifications, and update Synapse hardware when new features or enhancements are added.

Wireless Industrial Hardware and Sensors

The Sense 4-20 and Bridge 485 Industrial Connectivity Hardware support a range of sensors for energy and environmental monitoring and the IIoT Repeater adds additional connections to extend the mesh network across longer distances or around obstructions.

Industrial Sensors include CT-Sensors for energy monitoring, Temperature and Vibration sensors to measure detailed information to understand the energy use in addition to the equipment state and health across equipment groups, departments, business divisions, or for the entire corporation.



CLOUD BASED SOFTWARE

Solution	Description
SimplySnap Equipment Uptime	Contact Sales for proposals and questions about Cloud software subscription, services, and support packages available.