

# RTU Failure Detection by Turntide

Imagine preventing costly system downtime for your HVAC system. RTU Failure Detection alerts you when your RTU requires service, before it fails.



## Monitor conditions including:

- + Loose or broken belts causing loss of torque and airflow
- + Compressor damage from the system running outside design conditions
- + Inefficient operation due to low airflow across heat exchangers and cooling coils
- + Loss of heating or cooling



## Unparalleled benefits

- + Reduced downtime from failures by providing early warning of undesirable HVAC system conditions
- + Improved occupant comfort by decreasing downtime
- + Significant cost savings from preventive maintenance, rather than emergency service
- + Improved energy efficiency by identifying conditions that degrade RTU operating efficiency



## What's required?

- + Turntide Supervisor
- + RTU sensor kit
- + Cell modem, or access to onsite network

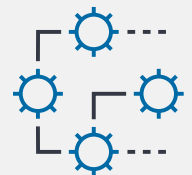


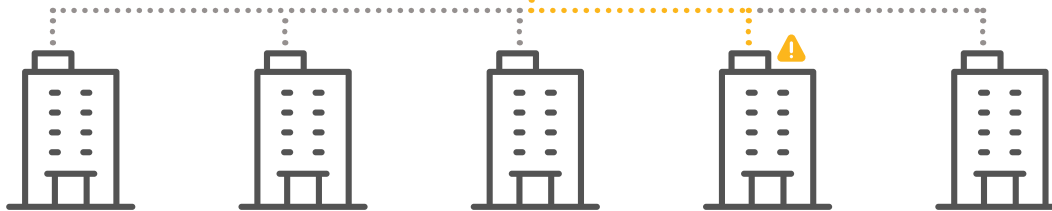
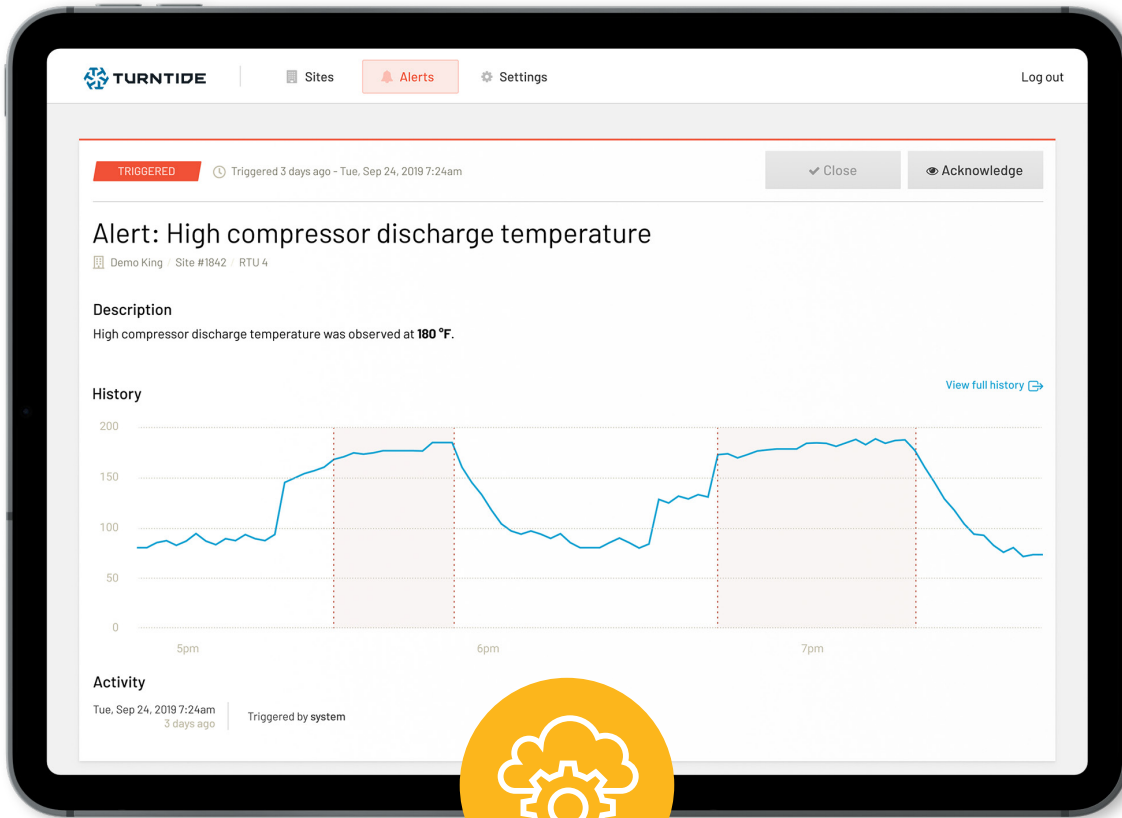
## Features

- + Dashboard provides information on sites, equipment status, and enterprise summary, accessible from any browser-enabled device
- + Visual summary of all monitored points for each RTU
- + Simple user interface for drilling into alarms, sensor history, and other important RTU information
- + Multiple user access with access controls and permissions
- + Alerts can be sent to customers over email or SMS, and can integrate with a work order management system that accepts email
- + Dashboard summary of all "open" alerts across all sites
- + Ability to silence or reset alerts

## Sensor Kit

- + Outside air and duct air temperature sensors
- + Non-invasive refrigerant line temperature sensors
- + Compressor and condenser fan current sensors





## RTU FAILURE DETECTION BY TURNTIDE TECHNOLOGIES

### TURNTIDE TECHNOLOGY FOR SUSTAINABLE OPERATIONS

Our breakthrough technologies accelerate electrification and sustainable operations for energy-intensive industries.

