CONDUCTOR

VISIBILITY AND CONTROL FOR UTILITY FIELD DEVICES

SUMMIT
ENERGY TECH

CONDUCTOR

Talks with anything in the field or at the plant

Enables operators to take action

Collects all relevant data

Provides reports and dashboards

Suited to your workflow

Sends notifications via email and text

SUMMIT
ENERGY TECH

VISION AND ACTION ACROSS YOUR SYSTEM

Visibility and control for utility field devices

Every day, people working in the utility industry wake up and open Summit Energy Tech Conductor to view and manage a vast array of equipment. Conductor delivers notifications, provides up to date status, alerts staff with urgent information, and allows them to safely and securely operate reclosers, generation equipment, and all manner of other devices in the way that suits their needs.
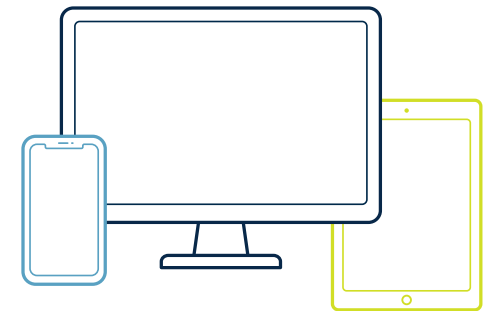
Summit Energy Tech designed Conductor to connect utility personnel to the critical systems they need to manage. That is not a simple proposition; the key devices in those systems come with an array of protocols including DNP3, MODBUS, OPC UA, SNMP, and integration with third party systems.

Conductor

- **Talks with anything in the field or at the plant**

- **Collects all relevant data**

- **Provides reports and dashboards**

- **Sends notifications via email and text**

- **Enables operators to take action**

Suited to your workflow

Summit tailors Conductor to match how *you* think about your system's hierarchy — organized by regions, sections, substations, facilities, pumps, valves, devices, or whatever structure makes sense in your organization. With a modern app that can be used on any browser, tablet, or phone, you can use Conductor to manage your devices however and wherever you need to work.

SUMMIT
ENERGY TECH

CONNECT TO EVERYTHING

Conductor includes connectors to everything Summit has ever encountered in the field, from the latest modern devices to all manner of legacy equipment. If you can surprise us with something we haven't seen before, we can build a connector for it!

ALERTS WHERE YOU NEED THEM

Summit works with clients to customize alerts for the important issues and deliver them the right way — not just email but also text or through your preferred alerting system. Together, Summit and our clients configure Conductor to evaluate device behavior and respond appropriately.

VISIBILITY

Know everything, from anywhere. Conductor provides up to date dashboards with a focus on the key information you need, visible and formatted for web and mobile. Turn the page to see more about how we present information!

ROBUST AND VERSATILE DEPLOYMENT

Conductor is deployed as a dual-instance platform with automated failover, so temporary issues or server maintenance won't interrupt your operations. It can be deployed as a hosted system at Summit's datacenters, deployed on-premises, or as a hybrid.

TAKE ACTION

Use a workflow that understands the care required to manage your devices. Operate relays, reclosers, generation assets, vales, pumps, or other remotely controllable aspects of your distribution system or plant.

ALWAYS UP TO DATE, ALWAYS SUPPORTED

Summit's service model means your instance of Conductor will always be under support. The Summit subscription model means we will always be around to help you navigate changes as your system grows.

Up to date and historic data delivered automatically.

SUMMIT CONDUCTOR

Conductor is a tool for connecting to your operation's systems and devices that need to be monitored and operated remotely. Our clients use Conductor for:

↳ **SCADA across the distribution system**

↳ **Generation facility monitoring and control, including automated shutdowns**

↳ **Utility substation metering and integration with scheduling agents**

↳ **Water and Wastewater plants and infrastructure**

CONDUCTOR PRODUCT DATA SHEET

USE CASE

Conductor critical to response after the storm of a lifetime

Emerald PUD (EPUD) was squarely in the cross hairs of a nightmarish ice storm. Poles and wires and substations across the territory fell and they had to ramp up response, going all day seven days a week.

EPUD HAD BEEN USING CONDUCTOR SINCE 2014, AND IT WAS CRITICAL TO DOUG BARAB'S ROLE IN THE EMERGENCY.

"First and foremost, I was able to quickly issue commands to a specific device — such as opening — in response to emergencies. With smartly prioritized alerting, it allowed me to keep my sanity while monitoring in a chaotic environment. Also I could easily control multiple devices, and even confirm if I have three good phases as power was restored."

— DOUG BARAB, SYSTEM ENGINEER,
EMERALD PUD

"CONDUCTOR IS A LOW IMPEDANCE INTERFACE TO CONVERT DATA INTO KNOWLEDGE."

"All I wanted was a system that did the work, without all the frills. Conductor compiles our data points into one friendly, multi-user interface that can be accessed anywhere. It has revolutionized our cooperative by providing multiple data points from all types of equipment to all types of personnel. We have been able to fully customize the application from top to bottom, without the reliance on proprietary software or equipment. Conductor is a low impedance interface to convert data into knowledge."

— CHAD BLACK, GENERAL MANAGER OF RAFT RIVER ELECTRIC

Features

↳ Up to date substation status, polled directly from field devices

↳ Mobile and web access from any device

↳ Historical data, provided in custom graphs

↳ Configurable value tests to trigger alerts, notifications, or system actions

↳ Integration with NISC and Milsoft's Outage Management Systems

↳ Scheduled exports and API integration with counterparties

↳ Cloud hosted, on premises, or both.

↳ High availability in resilient dual-instance operation

↳ Service, updates, and support always available

↳ Connect to anything using protocols including DNP3, MODBUS, OPC UA, SNMP, as well as database connections to Oracle and SQL Server

Conductor is configured to your way of working and accessible on the devices you already use, including your mobile phone.

ON THE NEXT PAGE:
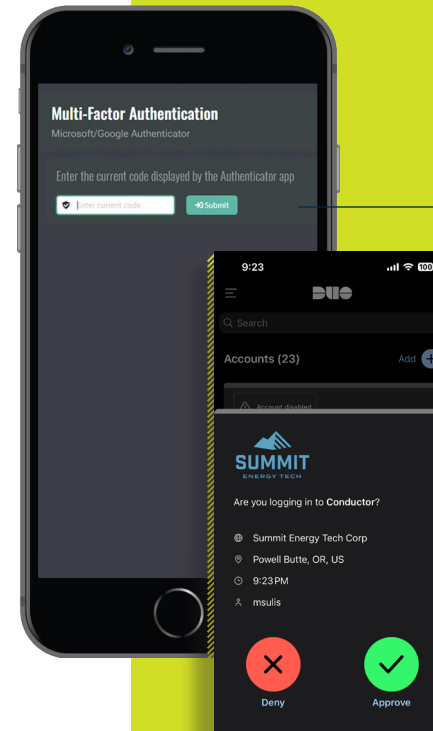Conductor features and our security emphasis.

CONDUCTOR'S SECURITY EMPHASIS

Security is an ongoing issue for utilities, so Summit makes sure Conductor has a premium security pedigree.

- User access control including configurable password complexity requirements, password blacklist checking, password breach database integration, and two-factor authentication

- Additional security layer before allowing device control

- Logging of all user login activity, configuration changes, and operator actions

- Encryption at rest and in transit

- Network layer segregation

- Multi-site capability with failover

Password breach database integration and two-factor authentication

EVERY PROJECT IS UNIQUE.

Get a demo and discuss how we can configure Conductor to provide you with visibility and action across your devices.

CONTACT US

Since 2011, Summit Energy Tech has been providing utilities with technology to evolve their operations. The team, rich with industry experience, builds software and provides managed services to utilities and other organizations.