

SCADA/DMS (Distribution Management System) supervises, controls, optimizes and manages power distribution networks.

The system enables utilities to collect, store and analyze data from hundreds of thousands of data points in national or regional networks, perform network modeling, simulate power operation, pinpoint faults, preempt outages, and participate in energy trading markets.

It is commonly used by individual commercial entities to monitor, measure, and control their electrical building loads. It can also provide metering, sub metering, and monitoring functions that allow facility and building managers to gather data and insight that allows them to make more informed decisions about energy activities across their sites.

Digital Reach's distribution management system features seamless interoperability with substation automation and advanced metering infrastructure, and offers powerful, reliable services for distribution network monitoring. Distribution Management System (DMS) enables you to monitor and operate the real-time state of the electrical distribution network, Provide guidance to operators under normal conditions in order to optimize operation, Help restore service under abnormal conditions, Integrate Smart Grid features such as the intelligent use of smart metering and regulating capabilities of distributed generation.

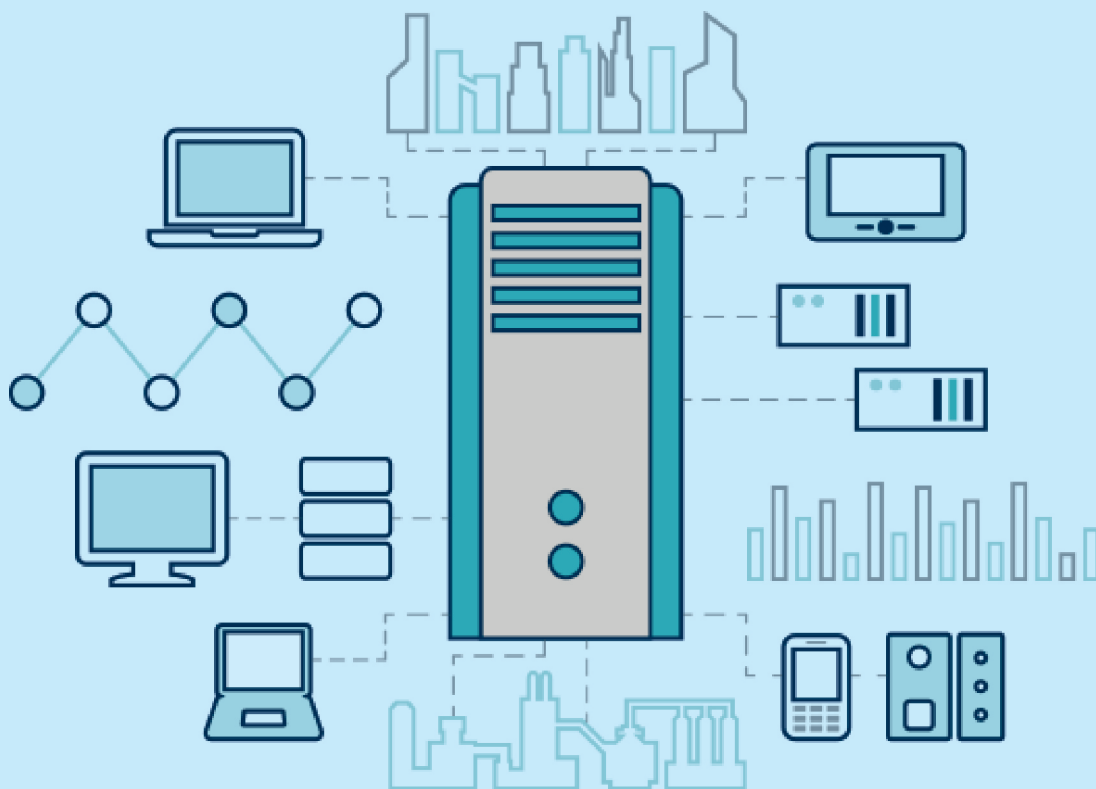
OUR OFFERING

Digital Reach provides complete IoT gateway / controllers from data acquisition, transmission (3G/LTE/Wi-Fi) and computing in order to help our customers use intelligent systems using our extensive resources. Customers can focus on their smart applications with minimal system integration effort. Our solution offerings & services are fully compatible with most of the applications and provide all the components customers need for building an intelligent system.

FEATURES

- ⇒ Network Connectivity Analysis (NCA)
- ⇒ Switching Schedule & Safety Management
- ⇒ State Estimation for system voltages
- ⇒ Load Flow Applications (LFA)
- ⇒ Volt-VAR Control (VVC)
- ⇒ Load Shedding Application (LSA)
- ⇒ Fault Management & System Restoration (FMSR)
- ⇒ Load Balancing via Feeder Reconfiguration (LBFR)
- ⇒ Distribution Load Forecasting (DLF)

SCADA / DMS



BENEFITS

- Improved quality of power delivery
- Facilitated daily operation
- Reliable real-time supervision and control of HV and MV networks
- Near real-time management of LV networks
- Improved monitoring of customer voltage quality
- Extensive set of outage reports and statistics for e.g. regulatory requirements

ABOUT US

Digital Reach is an IoT based solution company. We are experts in combining technical knowledge and insights from our extensive experience in the field to create Internet of Things (IoT) solutions, with our strong focus on innovation and integration with customer domain expertise. We create monitoring and control products and solutions that improve processes and services for our customers.

With our expertise is in embedded hardware development, embedded software development, system integration and project execution, in everything we do, we apply our values of respect and honesty through a commitment to teamwork and a high degree of responsibility to our customers, not only to satisfy but also to exceed our customer's expectations.



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