Command Center

Landis+Gyr
manage energy better

Network Management for Today's Utility – Gateway to the Smart Grid

Overview

Command Center™ software is the gateway for all Gridstream® metering technologies and the control point for grid management network sensors. It's the critical link for opening access to valuable data for utility systems and directing actions which occur within the distributed intelligence residing at the network's edge.

Command Center brings data from any communication technology—including RF Mesh, PLC and Cellular; and for any commodity such as electricity, natural gas and water—into a single application. Command Center's innovative platform is designed for growth and extensibility to ensure a future ready solution for our customers.

Operations Support

Command Center intelligence performs functions including:

- Remote endpoint programming
- Time-of-use period and rate configuration
- Basic validation and exception management
- Billing extract generation
- Remote disconnect management
- Critical peak usage analysis
- Load control index creation.

Operational processes supported includes:

- Billing support and exception reports
- On-demand device command and control
- System mapping and real-time awareness
- Network Management analytics and statistics
- Demand response management of devices
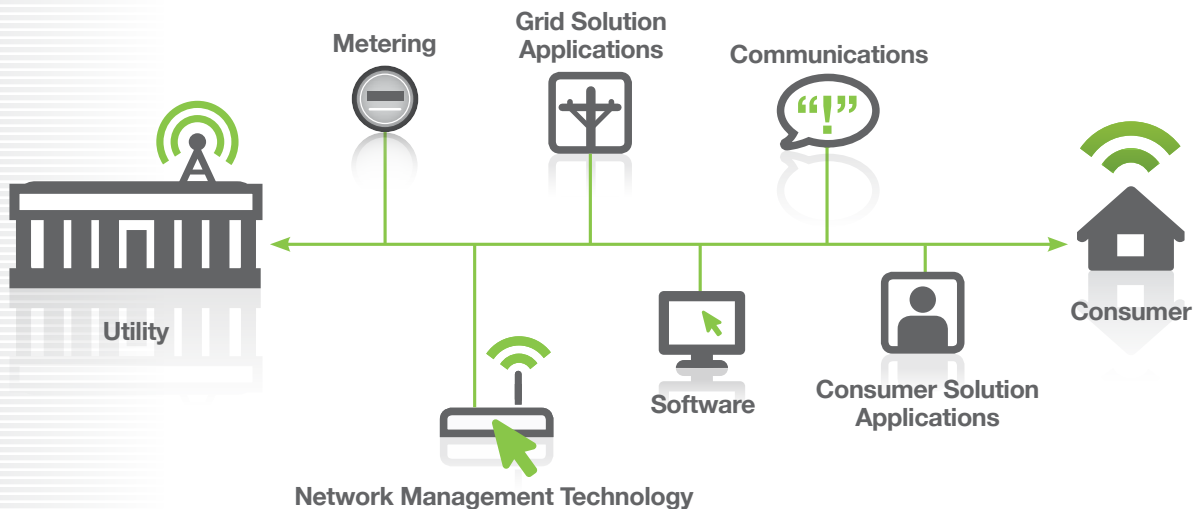- Voltage monitoring

FEATURES & BENEFITS:
Why Landis+Gyr makes a difference.

- Robust management of the AMI system
- Network Management analytics and statistics
- Validation, storage and presentation of collected data
- Seamless integration to other utility applications
- Monitoring and alerting of standard and -user-configurable conditions
- In-depth analysis and reporting

Innovative, Flexible & Secure

- Modular Software Architecture & deployment
- Market-leading security implementation
- Proven scalability to support the world's largest utilities
- Integration based on Service Oriented Architecture

Metering

Grid Solution Applications

Communications

Utility

Network Management Technology

Software

Consumer Solution Applications

Consumer

Platform Integration and Standards Leadership

As a MultiSpeak® and IEC 61968-9 (CIM) compliant solution, Command Center provides unparalleled integration capabilities.

Command Center's standards-based design, combined with an extensive Web Service library of more than 100 pre-built interfaces, makes it ready to use right from the start. The fact is Landis+Gyr's proven integration solutions empower hundreds of utilities to integrate their advanced metering and grid management solutions with back-office applications. And with unparalleled industry-leading vendor partnerships and dedicated integration teams, Landis+Gyr provides the key to integration success.

In addition to real-time application interfaces, Command Center delivers pre-built, yet flexible data extracts, in formats readily supported by adjacent systems. Every byte of processed data is available for use.

Fully integrated with Gridstream MDMS, and interoperable with systems including billing, customer service, engineering analysis, outage management, demand response, load management and field service applications, Command Center enhances productivity and delivers unmatched energy resource management and collaboration.

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System Requirements

Command Center is engineered to simultaneously process and validate meter readings for millions of devices quickly and efficiently. It can be configured as a stand-alone solution on a single server platform or scaled to a multiple-server platform. In addition, it can operate in either a Microsoft or Unix environment supporting a Microsoft SQL or Oracle database platform. Command Center hosting and management is also offered as a service with Landis+Gyr Cloud Services.

Landis+Gyr Smart Grid Services and Customer Support

When you partner with Landis+Gyr and deploy an AMI system powered by Command Center, you'll have access to support and services expertise unequaled in the industry. You can rely on our technical support 24/7/365 with each Command Center installation. The Landis+Gyr Smart Grid Services team delivers unrivaled expertise and leverages decades of in-the-field experience to maximize the value of your investment and ensure business objectives are met.

NETWORK MONITORING AND MANAGEMENT FEATURES

- Administrative Dashboards
- Exception Reporting
- Reading Collection Statistics
- Mapping
- Network Management
  - Message Communication Statistics
  - Device Latency Statistics
  - Collector Capacity
- Command, Error and Event tracking and reporting
- Interfaces available for data delivery to industry network monitoring systems

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