

Management and control for  
advanced metering networks

Gridstream  
Command Center



Landis  
Gyr+  
manage energy better

# The Advanced Operating System for Advanced Metering

**Command Center™ provides true command and control for advanced metering networks, delivering the analytics-based information utilities need to manage distribution resources and overall productivity—better and faster than ever before.**

## Key Features:

- Intuitive dashboards
- System mapping
- Data warehousing
- Service history reporting
- Interruption reporting
- Voltage reporting
- High usage / demand reporting
- Validation and reporting
- Remote connect / disconnect
- Load control
- Critical peak pricing
- Time-of-use
- On-demand readings
- Outage and restoration notification
- Home area networking



Command Center is the leading advanced metering software platform that brings everything together – from data reporting to system control – in a single application. Highly scalable and loaded with features, Command Center operates RF mesh, PLC and GPRS AMI systems from a single interface. It enables users to remotely program endpoints; schedule time-of-use periods and rates; handle remote disconnects; analyze critical peak usage; view load control indices; and perform other critical, day-to-day functional operations.

Command Center simultaneously manages the meter data collected from millions of endpoints, validating each data element, and integrating it throughout the system. Built to interoperate with meter data management (MDM) systems, as well as key billing, customer service,

engineering, accounting and field service software programs, Command Center delivers unmatched energy resource management, collaboration and productivity.

## Integration and Scalability

Command Center ensures immediate productivity with an intuitive interface and easy integration. Command Center is MultiSpeak® compliant and follows IEC CIM 61968 standards. An extensive Web Service library offers 100 pre-built techniques ready to use. And Landis+Gyr provides integration experience with more than 350 customers and 30 vendor partners.

In addition to Web Service APIs for common interface points, Command Center delivers pre-built data extracts, flexible data extracts and formats, CSV file imports, and

Command Center is a highly scalable data management platform that easily integrates with existing utility applications.



support for XML templates. Web Services are based on Service Orientated Architecture (SOA), and Command Center simultaneously processes and validates meter readings, and also inserts database records for millions of devices quickly and efficiently.

Comprehensive integration with billing, CIS and engineering software enables Command Center to provide a seamless link between metering data and the applications that use it. The end result is a more useful system for all departments within the utility.

## Customer Support and Services

When you partner with Landis+Gyr, and deploy an AMI system powered by Command Center, you will get support and services unequaled in the industry. Technical support is available 24/7/365 with each Command Center installation.

For highly secure and cost-efficient data hosting services, utilities can also choose to host their data with Landis+Gyr. Command Center MSP™, a proven data hosting package, features web server and MultiSpeak-enabled interfaces, and provides state-of-the-art backup and recovery plans. Additionally, utilities receive leading-edge customer interaction tools, and there are no software license or upgrade fees.

## Requirements and Protocols

Command Center is engineered to simultaneously process and validate meter readings and insert database records for millions of devices quickly and efficiently. It can be configured on a single server platform or scaled to a multiple-server platform.

### System Requirements:

- Microsoft.NET
- Microsoft Window Server 2003/2008
  - IIS
  - MSMQ
- Microsoft SQL Server 2005/2008 or Oracle 10G
- Internet Explorer 7.0 or greater

## System Mapping

Command Center offers a sleek, intuitive graphical interface for map-based system monitoring.

Features include:

- A road view and/or aerial graphical view of deployed network devices
- Custom icons that allow users to quickly identify network devices
- Color-differentiated icons for displaying overall health of network
- “Hover” feature to display detailed information, such as serial number, firmware version, network status, etc.
- Capacity to perform basic commands, such as interrogating a meter or requesting a read
- Powerful filtering capability includes ability to display network devices by:
  - Firmware version
  - Meter type
  - Time zone
  - Zip code
  - City
  - Deployment status
  - Device type
  - Model type
- Ability to search for and single out specific network devices
- Zoom features, including the ability to highlight specific areas of the network



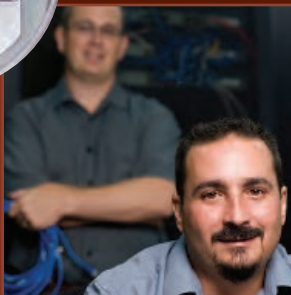


## Landis+Gyr – Your Smart Grid Partner

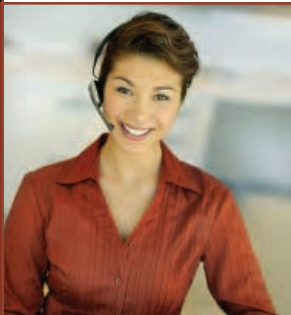
Landis+Gyr offers a combined portfolio of advanced metering and smart grid automation solutions to utilities in more than 30 countries. The company's global experience includes deployment of over 1,000 advanced metering systems, supporting an installed base of over 300 million meters, and managing over 15 million meters under contracts.

With smart grid solutions from Landis+Gyr, utilities streamline processes, improve energy efficiency and reduce peak load. Consumers benefit from personal energy management technology, which empowers them to monitor and manage their energy usage. And communities benefit through the smarter use of energy resources.

This is what it means to manage energy better.



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