BrightLync™
ADVANCED COMMUNICATIONS PLATFORM

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BrightLync™ Advanced Communications Platform (ACP) , a secure data transmission solution requiring minimal up-front investment

A New Day in Energy Measurement

Introducing our new BrightLync Advanced Communications Platform (ACP), this secure, cloud-based platform provides a complete end-to-end intelligent, secure data transmission solution that integrates with our Advanced Electronics and intelligent devices.
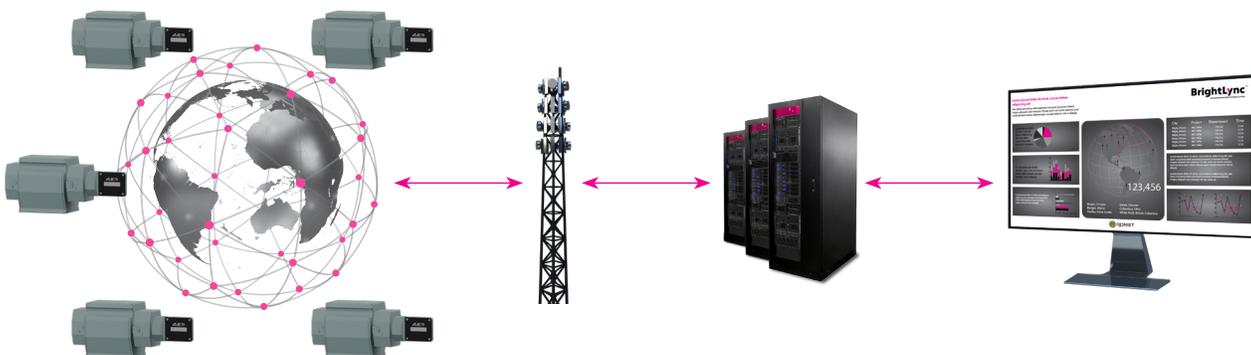
BrightLync is a cost-effective, premium solution providing users a complete end-to-end solution for real-time data collection, transmission, and organization/visualization, without the need for costly infrastructure.

Features:
• Remotely monitor and access real-time data for gas usage, asset configuration, asset health and location tracking
• Provides a wealth of real-time data and statistics beyond basic measurements
• Helps to solve problems before they happen
• Remote hourly data collection, real-time alarm transmission, and automatic daily data transfer to the cloud
• Secure by design—implementation of NIST SP 800–53 recommended by DHS

Benefits (Utility):
• Integrating into existing infrastructure and network minimizes up-front investment
    - Resource auto scaling—eliminate the need for future hardware investment as the network grows
• Accurate monitoring of usage data improves safety—saving time, money, and provides data to improve commitment to environmental responsibilities
• Real-time monitoring of asset configuration and health data will better optimize deployment of resources and field personnel for repairs and maintenance
• Optimize ToD pricing through remotely monitoring hourly consumption data

"Set it and forget it", BrightLync requires minimal up-front investment while presenting a robust, customer-centric solution.

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BrightLync™ Edge & Cloud
To support the increasingly demanding needs of utilities we have introduced two new technologies to ensure BrightLync™ delivers secure, instantaneous communications.

BrightLync Edge
BrightLync Edge is our new gateway device for the IoT, designed to transfer and communicate data in a secure, efficient way. BrightLync Edge provides multiple channels of real-time data for gas usage, meter configuration and meter health. This valuable information is transferred through a system which is inherently secure, not only by design but also based on the integral security of the entities used within the network. BrightLync integrates NIST SP 800-53 security controls, recommended by DHS.
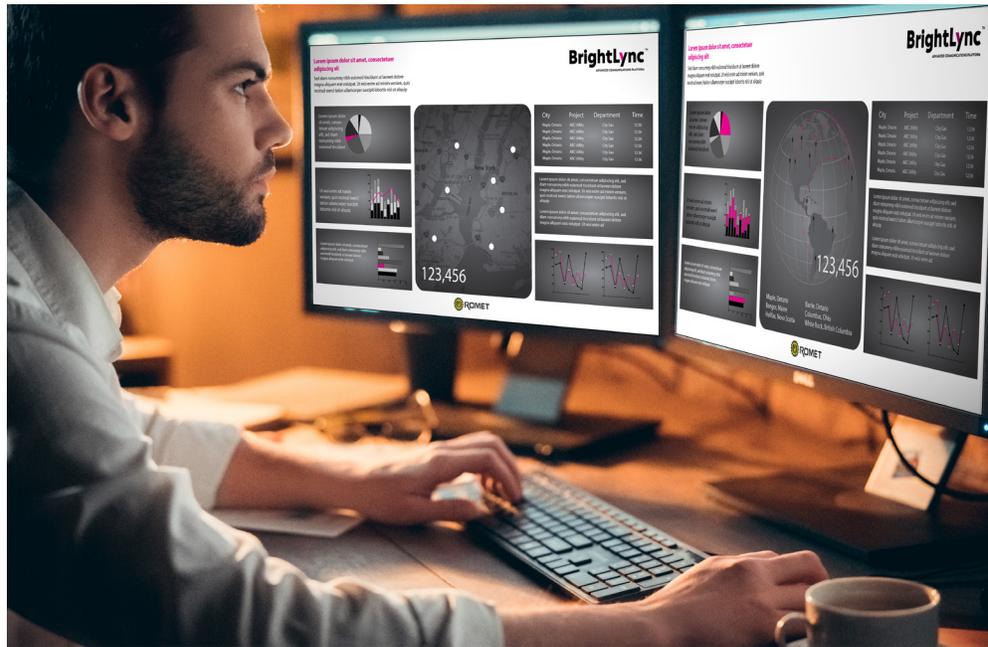
BrightLync Cloud
BrightLync Cloud is our cloud-based database and visualization portal that organizes and helps to visualize the data ensuring easy comprehension, allowing users to integrate into business models, planning and resource management.

An Evolution of Secure Data Gathering and Usage
BrightLync collects and delivers data from the meter such as volume, corrected volume, temperature, pressure, flow corrected and uncorrected. The data is collected on the AdEM® every 10 cubic feet—it transfered to the modem every hour and uploaded once a day.

Alarms produced by the system such as temp alarm, pressure alarm or flow alarm are transmitted in real time and will trigger SMS or emails to be sent to the service personnel.

The communication is bidirectional, which means customers can reach out to one specific meter or all meters within the network and change configuration or update the software remotely.

BrightLync delivers secure, instantaneous communications allowing users to integrate into business models, planning and resource management in one simple platform.

The BrightLync Cloud database is available to utilities in different formats as raw data or as visualized data in a web portal. Utilities can also provide access to their customers for hourly usage.

As with all BrightLync solutions, the communication between energy meters and the cloud is encrypted and uses existing wireless infrastructure to keep the initial investment for utilities to an absolute minimum.

A Different Solution

The BrightLync™ solution delivers a unique and industry-leading solution including:

• Utilizes existing secure telecom and cloud infrastructure, requiring a minimal investment to set up the network
• BrightLync provides multiple channels/fields of real data
• "Set it and forget it", Romet offers a base communication fee per device with the pricing model based on the customer needs ether UPFRONT or over time (expensed).
• Data capacity and backups are perpetually scalable compared to costly utility servers

Integrating AdEM®

BrightLync is designed to integrate and optimize our Advanced Electronic Module (AdEM) series of measurement devices. This combination of technologies provides solutions with configurations for live gas compensation, data logging, pulse outputs and serial communication.

The AdEM is compact, rugged, service-free, tamper-proof and weather resistant with a high level of accuracy and customization. With a nominal battery life of 15–20 years, the AdEM and a modem with a battery life designed to match, this duo makes an ideal upgrade to any system requiring instrumentation.

Features	AdEM®-S	AdEM®-T	AdEM®-Tq	AdEM®-PTZ	AdEM®-PTZ-r
AdEM Click Technology	✓	✓	✓	✓	●
Up to 15 years battery life	✓	✓	✓	✓	✓
Direct Mount	✓	✓	✓	✓	●
Remote Mount	●	●	●	●	✓
Live Gas Compensation	●	✓	✓	✓	✓
Data Logging	✓	✓	✓	✓	✓
Pulse Outputs	✓ x4	✓ x4	✓ x4	✓ x4	✓ x4
Serial Communication	✓	✓	✓	✓	✓
Full Audit Trail	✓	✓	✓	✓	✓
Live Temperature Compensation	●	✓	✓	✓	✓
Live Pressure Compensation	●	●	●	✓	✓
Meter Health Monitor	●	●	✓	●	●

Improved Safety

By combining BrightLync and smart metering technology it enables utilities to confidently monitor system and asset performance using real-time data of energy consumption patterns and alarms for gas line temperature, pressure and leak detection.

> **"BrightLync™ ACP is the ideal solution to improve the security and data of my energy measurement needs but also allows me to upgrade my system to the IoT and with minimal upfront cost."**
>
> **—Regional Utility Provider**

Summary

BrightLync is a dramatic evolution in natural gas measurement, introducing a whole new level of security, intelligence and real-time accuracy that eclipses what is currently available. BrightLync requires minimal up-front investment while presenting a robust, customer-centric solution that reduces costs, improves the bottom line and introduces an environmentally friendly approach to energy measurement.

Contact us today for more details!
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