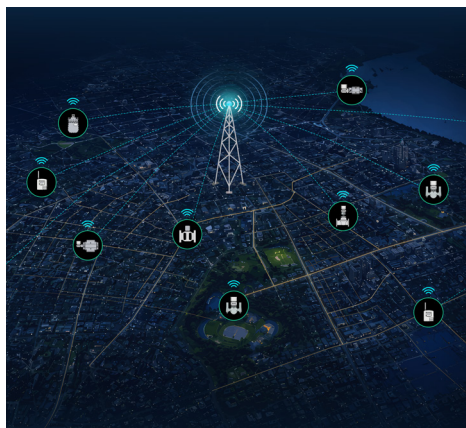




BrightLync® 100

Connectivity-as-a-Service (CaaS)

BrightLync® 100 delivers right-sized connectivity for any pulse-capable meter, seamlessly providing daily reads to existing systems. This cost-effective retrofit solution brings light commercial assets into the unified BrightLync® connectivity platform—expanding visibility, simplifying data access, and helping utilities connect more of their network.

Features

- IoT advanced communications platform
 - Carrier agnostic cellular infrastructure
 - 100% cloud native
 - Multi-channel pulse communication
 - Over-the-air (OTA) updates
 - Remote monitoring and access to near real-time consumption data
 - Near real-time alarm transmission
 - Automatic daily data transfer to cloud
- Integrated Device Manager and API compatible with various operational systems
 - Automated logs, event histories, audit ready records
- Industry-leading security with end-to-end encrypted hardware, transmission, and storage

Applications

- Light volume C&I metering endpoints
- Any pulse-out capable meter

Secure CaaS with zero infrastructure investment

With BrightLync® there are no infrastructure investments, allowing utilities to expand network connection at the rate of value, not infrastructure absorption. By pairing our purpose-built gateway devices with existing cellular networks, BrightLync® provides a rapidly deployable, scalable CaaS solution.

Reliable network coverage across North America

BrightLync® is carrier agnostic by design, providing flexibility to optimize connectivity at each and every endpoint. By leveraging North America's premier wireless carrier networks, BrightLync® ensures ubiquitous coverage, reliable uptime, and continuous network upgrades.

Simplified integration with existing systems

BrightLync® uses a modern web API to exchange data through standard conventions - there is no learning curve and no custom protocol to decode. For teams that want data files delivered, BrightLync® can auto-generate daily flat files to move batch data to existing billing and operation systems. No matter the existing platform, BrightLync® makes integration easy.

Secure by design, today and into the future

BrightLync® features robust cybersecurity protocols to protect against threats of today, while Romet's foundational Security Strategy ensures BrightLync® is proactively engineered for the threats of tomorrow, including the transition to post-quantum cryptography (PQC). Over-the-air (OTA) firmware updates will deliver PQC-enabled security as standards and threats evolve to protect asset investment, and ensure security remains resilient throughout the full product lifecycle.

BrightLync® 100

Specifications

All specifications are dependent on connected EVC capabilities

- Network
 - Tier 1, carrier agnostic LTE-M network infrastructure
- Data transmission
 - Multi-channel pulse data from edge device
 - Frequency: Hourly data once per day
 - Automatic data pull at next wake-up
- Data Storage
 - 13 months active. >13 months archived. No minimum storage limit.
- Systems Integration
 - Standard API, autogenerated flat file
- Device Manager User Interface
 - User access and administration management (MFA default, SSO login configurable)
 - Visualization of available data
 - Manual (.csv/.json) file download and automated data transfer (Representational State Transfer (REST) API)
 - Automated notifications

EVC Integration

All specifications are dependent on connected EVC capabilities

- Available data
 - Corrected and uncorrected volume (daily, total, interval)
- Malfunction status notification
- Lost connection alarm notification

Approvals / Certifications

- Intrinsically safe: Class I, Zone 0, Class I, Div 1 Group D (cETLus)
- Industry Canada ICES-003 Class B
- FCC Part 15 Class B
- PTCRB

Gateway Device (BL-100)

- Physical
 - Weather resistant, UV resistant, ESD grade engineered polycarbonate enclosure
 - Direct/bracket mount configurations
 - Dimensions: 5.6" (142mm) x 5.9" (150mm) x 3.9" (98mm)
 - Weight: 1.6 lbs (740 g)
- Battery & Power
 - 20-year nominal battery life
 - End of battery life warning
- User Interface
 - Magnetic wake up
 - BLE connectivity to iOS/Android commissioning app



ROMET®

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