



## BrightLync® Advanced Communications Platform

### Connectivity as a Service (CaaS)



BrightLync® Advanced Communications Platform is a secure, cloud-based, Connectivity as a Service (CaaS) solution that provides intelligent meter data transmission for C&I metering applications.

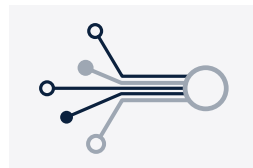
#### Secure Data Transmission with Minimal Upfront Investment

BrightLync® is a cost-effective, comprehensive solution for near real-time data collection, transmission, organization, and visualization without the need for expensive infrastructure.

Key Features:

- IoT advanced communications platform (cellular-based)
  - Remote monitoring and access to near real-time data for gas usage, asset configuration and asset health
  - Two-way serial communication allows configuration changes to be made remotely
  - Near real-time alarm transmission
  - Automatic daily data transfer to the AWS cloud
  - Security implementation of NIST SP 800-53 recommendations
- Compatible with all meter types and EVCs
- Integrated with EnergyArray® Device Manager and API compatible with various energy management systems
- Advanced power management (15-year battery life depending on configuration)
- 100% cloud native – no infrastructure required
- Over-the-Air (OTA) updates

#### Universal Integration



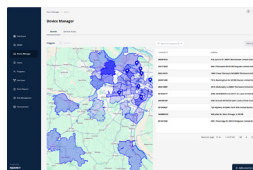
BrightLync® can be integrated with any edge device, be it a natural gas meter of any type, or methane detection unit to enable rapid connectivity deployment of all devices.

#### Adem® Integration



Seamless integration with Adem® Advanced Electronics unlocks live gas compensation, asset health monitoring, pressure monitoring and leak detection through a unified technology.

#### Energy Array® Device Manager



BrightLync® is integrated with Energy Array® Device Manager to provide a complete closed loop monitoring, configuration, and data storage solution.

## Adem® Integration

- Available data
  - Index reading, corrected and uncorrected
  - Daily and interval consumption, corrected and uncorrected
  - Daily min/max pressure (*PTZ only*)
  - Daily min/max temperature
  - Interval min/max/average pressure (*PTZ only*)
  - Interval min/max/average temperature
- Available urgent alarms (frequency: next data transmission)
  - High flow/low pressure
- Available notifications (frequency: daily call-in)
  - Battery malfunction
  - High/Low pressure (*PTZ only*)
  - High/Low temperature
  - High/Low flow rate
- Available remote parameter configuration
  - Uncorrected/Corrected index length
  - Uncorrected/Corrected units
  - Uncorrected/Corrected index value
  - Live/Fixed pressure (*PTZ only*)
  - Live/Fixed temperature
  - Live/Fixed supercompressibility (*PTZ only*)
  - Atmospheric pressure
  - Base pressure and temperature
  - Pressure factor
  - Supercompressibility (CO<sub>2</sub>, N<sub>2</sub>, SG) (*PTZ only*)
  - Adem Alarm Limits
    - Low temp, high/low pressure, high/low uncorrected flow
  - Customer ID
- Available configurable threshold notifications
  - Max/Min pressure (*PTZ only*)
  - Max/Min flow
  - Percent of max flow
  - Remaining battery life (voltage)

## Specifications

- Edge Gateway Device
  - Intrinsically Safe Class 1 Zone 0
  - Nominal 15-year battery life (dependent on environment, installation, and data transmission rate)
  - Serial data port connectivity to host edge device
  - BLE connectivity to iOS or Android Commissioning App
  - LTE-m connectivity service to BrightLync Cloud
- Data transmission (type of data defined by the host Edge Device)
  - High-fidelity serial data from edge device, not pulse accumulation
  - Frequency: once per day, configurable up to 24 times per day
  - Automatic data pull at next wake-up
- Data storage
  - 13 months active, >13 months archived, no maximum storage limit
- Remote EnergyArray® Device Manager User Interface
  - User access and administration management (MFA default, SSO login configurable)
  - Visualization of available data (edge device dependent)
  - Manual (.csv/.json) file download and automated data transfer (Representational State Transfer (REST) API)
  - Automated notifications (edge device dependent)
  - Remote Threshold management (edge device dependent)
  - Remote Parameter management (edge device dependent)
- Other EVC and sensor integrations available

