# Wide**Sky**

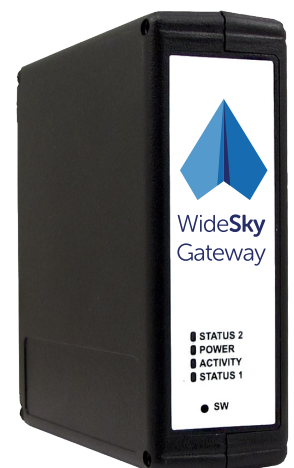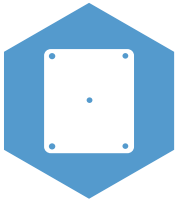**WideSky™** Gateways are the simplest and most reliable way to stream sensor data from your devices and systems to the cloud.

Data can be streamed to WideSky from any device or application that supports pushing data to the open standard Project Haystack API. For devices that don't have Haystack push support, the WideSky Gateway provides a local point of integration that gathers, buffers and streams data to the cloud.

# **WideSky** Gateway

**WideSky™** Gateways deliver an enterprise-scale meter and sensor data collection system that gathers data from a range of disparate metering, building management and control systems, and integrates with WideSky, or your own central energy management system or data warehouse.

## Deploy

Whether you need a small, rugged, low-power unit to deploy in the field near your sensors, or a large-scale data concentrator gathering site-wide data, we have an option to suit:

➤ WideSky 'A' series gateways are energy efficient, high-temperature (70°C+) rated units that are well suited to harsh environments.

➤ WideSky 'X' series gateways are poweful industrial grade appliances with a choice of solid state or hard disk storage for increased capacity.

➤ WideSky 'V' series gateways are virtual appliance images for deployment on your own infrastructure, and can scale as far as your server capacity will allow.

## Connect

Connect any type of sensor device or system via wired or wireless links:
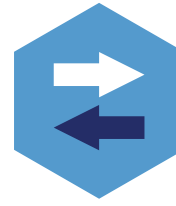
➤ Energy Meters
➤ Lighting Controls
➤ Building Management Systems (BMS)
➤ Power Protection Equipment
➤ Weather Stations
➤ Solar PV Systems
➤ Security & Access Control
➤ ...and many more.

## Communicate

Communicate with devices via a range of open and proprietary protocols:

➤ BACnet (MSTP/Ethernet/IP)
➤ Modbus (TCP & RTU)
➤ Meter-Bus/M-Bus (wired & wireless)
➤ Wavenis® Wireless Mesh
➤ Zigbee® Mesh
➤ EDMI Command Line
➤ ...and more.

## Protect

The WideSky Gateway includes a data logger and on-board storage to protect your data:

➤ Data is sampled in real-time or retrieved from remote data logs (e.g. smart meters) and saved to local storage.
➤ Data can be streamed to WideSky continuously or on a schedule.
➤ Streaming to WideSky resumes after link outages or data transmission losses.
➤ Capacity to store years worth of sensor data
➤ Connection to WideSky over a secure link (TLS)

## Scale

WideSky Gateways are available to suit any scale:

➤ Start small and add gateways as your needs grow (scale out).
➤ Scale up with multiple tiers to aggregate traffic and provide redundant storage.

**Project Haystack**
Supporter

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## Get in touch

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