



METER

AROYA SYSTEM NETWORK REQUIREMENTS

METER Group recommends the following as the network requirements for the AROYA deployment environment (the environment where the Gateway, Router, and sensor devices are installed). Implement the security controls that are appropriate for the sensitivity of the data.

- Internet connection—minimum 5 Mbps downstream, 1 Mbps upstream.

NOTE: Wired internet is highly recommended for the best possible experience.

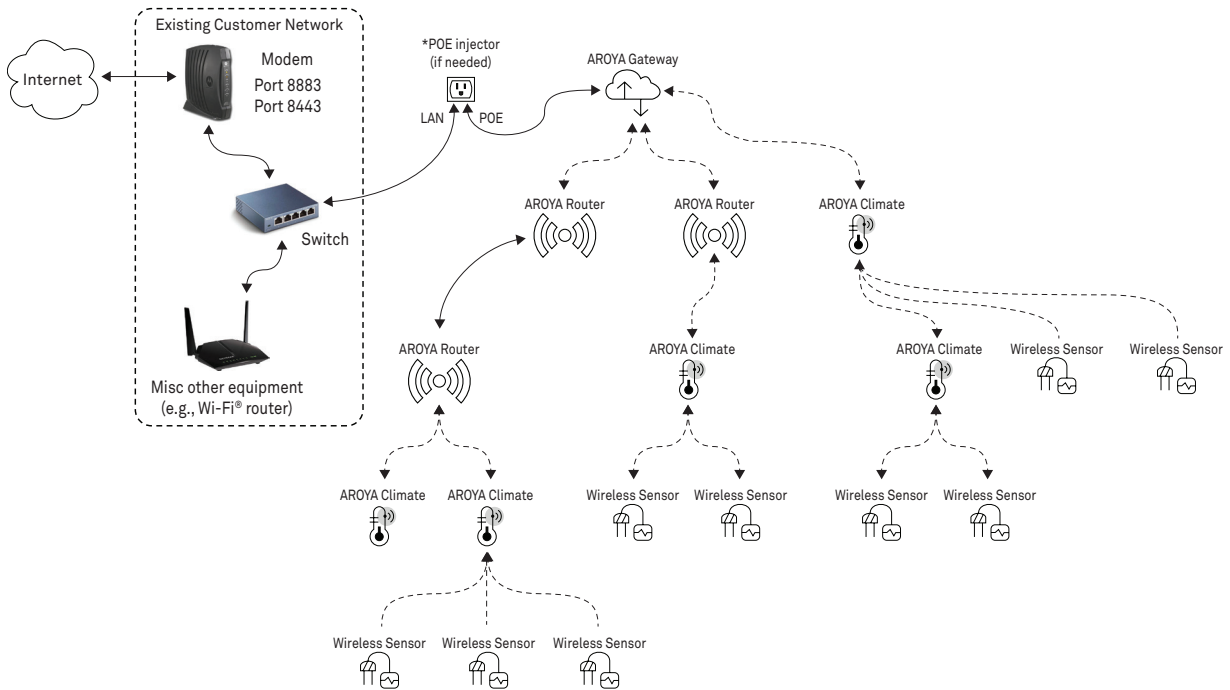
- The devices must be able to connect to the following destinations:
 - https://*.aroya.io—the primary endpoints for the AROYA interface, hosted by METER Group on Amazon Web Services (AWS).
- The gateway devices must be able to communicate over the ports listed in the following table.

The following table lists the ports that must be available for the AROYA system to function properly.

Port	Direction	Destination	Usage
8883	Out	*.amazonaws.com	MQTT traffic over TLS
8443	Out	*.amazonaws.com	HTTPS communication

The following diagram illustrates the network connections and communications protocols.

AROYA Network Diagram



USING A METER DATA LOGGER

METER data loggers do not require a Wi-Fi® network or Ethernet. The data loggers have an LTE cellular modem that connects directly to METER cloud services. The loggers operate with T-Mobile® wireless products, and AT&T® cellular carriers and usually find a good signal. If the location is notorious for poor cell coverage, please let METER Group know so other hardware solutions are considered.

Please review the network requirements prior to the arrival of a member of METER Professional Services to ensure a smooth, quick, and efficient installation process.