

# Eaton's AMI solution

## WRL-420 Wi-Fi IPLink meter

Discover Eaton's AMI solution for public power utilities with FTTH and other broadband offerings

Supports tomorrow's data requirements and provides a true IoT strategy for the smart grid



**Eaton's WRL-420 Wi-Fi IPLink meter** is the first to allow utilities to directly leverage their fiber-to-the-home (FTTH) investments and infrastructure for Advanced Metering Infrastructure (AMI). This meter enables utilities to utilize their FTTH expertise and minimize additional infrastructure installations, while also creating a high-speed, high-bandwidth, standards-based AMI network ready for the future.

### Features

- **Improve** member/customer engagement and support by allowing data access, advanced pricing structure and prepaid metering
- **Enhance** understanding of the distribution network with operational data for engineering
- **Utilize** investments in fiber for more applications and reduce the need for pole-top RF infrastructure
- **Work** with the utility's FTTH communications network and Wi-Fi technology, which is already familiar to utility personnel and the general population
- **Use** a standards-based (Wi-Fi) high-speed communication that is known to support tomorrow's data requirements in the trend towards real-time data
- **Reduce** AMI network overall costs, setup and maintenance
- **Ease and security** of Wi-Fi commissioning

### Details

- **Auto adaptation** to RF Mesh links as Wi-Fi availability comes and goes (new FTTH customers sign up or cancel service)
- **Backward compatible** to existing mesh networks as an added takeout point
- **Field tool Wi-Fi** support in the latest Network Runner application
- **Operates within both IPv6 and IPv4** utility network environments
- **Automated network configuration;** no manual field/software setup required
- **Enhanced security**
  - IPv6 connectivity using IPsec
  - (EUI-MAC-OUI)-based packet filtering can be applied
  - Private IP addressing is isolated from the public internet

For Eaton product information, visit [Eaton.com/smartgrid](https://www.eaton.com/smartgrid)