



## MeshPlus® Electric Meter AMR

### IT'S ALL ABOUT RANGE...

With best-in-class link budgets, license-free 900MHz FHSS radios, and advanced forward error correction (FEC), MeshPlus® meter inserts deliver optimal range.

Thousands of meters form each MeshPlus® network and every meter is a repeater: messages hop from meter to meter until they reach their destination.

### ...AND EASE OF USE

MeshPlus® meter inserts are plug-and-play. No configuration is required; MeshPlus® networks are self-forming and self-healing: if a message path gets blocked or a meter is damaged, the messages will find another path automatically.

### PEACE OF MIND

- 128-bit encryption
- Robust authentication
- Over-the-air firmware upgrades for future-proofing.



### FEATURES

- 15-minute TOU billing
- Positive power outage notification
- Tamper detection and reporting
- Remote power cut-off
- Reverse rotation/flow detection
- Fully compatible with MeshPlus® gas and water meter inserts
- -40C to +85C (185F) operation
- ANSI C62.41 surge compliant
- Over-the-air firmware upgrades
- Hybrid drive-by/fixed network modes
- Supercap backup power (no batteries)
- Graphical MeshMaster MDMS scales to support millions of meters

### • HYBRID AMR

With MeshPlus® meter inserts, you can deploy drive-by AMR first then later upgrade to fixed network **using the same insert** -no changeouts required!

### • METER INDEPENDENCE

MeshPlus® meter inserts are available for many digital and electro-mechanical meters.

- Diverse meter base? No problem!
- Electro-mechanical meters? Give them new life with TOU and power outage monitoring capabilities!

### • THE COMPLETE SOLUTION

MeshPlus® includes IP Gateways, Repeaters, MDMS software, and deployment and maintenance tools.

### FIXED NETWORK PERFORMANCE

#### AT DRIVE-BY PRICES

MeshPlus® Hybrid AMR delivers 2-for-1: the same meter insert delivers both drive-by and fixed network capabilities. Deploy drive-by first and upgrade to fixed network when you are ready. Use drive-by mode where sparse rural routes make fixed network impractical; when density increases, upgrade to fixed network with no meter changeouts.

#### PREDICTABLE COSTS

Full mesh fixed networks deliver with low **predictable** costs. Adding meters makes the network more robust! Extending your network or bridging a gap requires only a low cost mount-anywhere repeater.

**Axiometric**

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