

# TRUConnect™

## AMI

TRUConnect AMI is a multi-commodity, purpose-built industrial IoT network comprised of advanced smart meters and a wide range of intelligent connected devices to improve a utility's resiliency, reliability and efficiency in a secure and affordable manner.

### Description

TRUConnect AMI delivers the necessary visibility and corresponding command and control of assets managed by utilities across the distribution grid – from the substation to distributed energy resources (DERs) located behind the meter – by harnessing the power of data.

By deploying TRUConnect AMI, utilities are empowered to coordinate their operations, control costs and enhance customer satisfaction while preparing for the adoption and integration of DERs.

### TRUConnect AMI Solution components include:

**TRUConnect Edge**, an intelligent device integrated into meters manufactured by Itron, Landis+Gyr and Aclara with a powerful system-on-chip to support edge applications.

**TRUConnect Network**, a network of communications infrastructure devices that delivers unmatched reliability through a combination of “right-sized” field devices that includes:

**The TRUSense Gateway™**, a next-generation meter socket-based computing device

**The VersaComms Gateway™ (VC)**, pole-mounted gateways that support multiple communications technologies (fiber, cellular, RF)

**Insight**, a common user interface designed by utilities to manage all aspects of an AMI deployment and Tantalus' suite of software applications and data analytics.

### TRUConnect AMI offers a differentiated approach:

- Multi-commodity support through our TRUScan™ technology that is capable of reading and integrating data from a wide range of existing ERTs and MIUs to transform legacy one-way AMR systems into next-generation, robust AMI systems.
- Extending the life of existing assets by delivering reverse-compatibility through our system-on-chip to ensure utilities avoid the expense of stranded assets while future-proofing their investments.
- Flexibility in our networking capabilities that provides utilities the unique ability to migrate between communication technologies as advancements in those technologies are delivered and adopted.
- Unparalleled Data Management, through our TRUSync™ Grid Data Management system that offers utilities a truly interoperable solution that is capable of integrating data captured by any device, any system and any vendor into other mission-critical systems.

### Benefits

- Supports the safety, prosperity and autonomy of the local communities served by IOUs, public power and electric cooperative utilities
- Helps these communities thrive by helping our utility customers power their economic prosperity, environmental sustainability and social progress
- Ensures these communities are empowered to shape the future of their smart grids as the adoption of Distributed Energy Resources such as solar panels, distributed storage and electric vehicles transform distribution grids
- Provides our customers with the flexibility and expandability they need to serve their communities today and well into the future



# TRUConnect™ AMI

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## **Harness The Power of Data and Modernize Your Distribution Grid**

Tantalus is a technology company dedicated to helping utilities modernize their distribution grids. We help our customers harness the power of data across all their devices and systems deployed throughout the entire distribution grid – from the substation to the EV charger. We offer smart grid solutions across multiple levels: intelligent connected devices, communications networks, data management, enterprise applications and analytics.