

# TRUConnect™ Edge

Intelligent endpoint and AML communication module for the  
Itron CENTRON® Polyphase III Advanced OEM-Ready Meter

## Description

TRUConnect Edge provides Itron CENTRON Polyphase III Advanced OEM-Ready meters with two-way wireless communications through the TRUConnect Network - the Tantalus utility network that connects the entire distribution system so a utility can gather better information and achieve a new level of operational, business and customer service control and efficiency.

TRUConnect Edge factory integrated meters provide utilities with data from high consumption C&I meters, for accurate billing, power quality monitoring, forecasting, load profiling and flexible rates such as TOU, CPP and dynamic pricing, as well as grid edge analytics such as peak demand tracking and voltage analytics.

## Features/ Benefits

- All consumption, voltage and current data is pushed to the head end every interval; this is vital for grid edge optimization
- TRUPush™ technology for instant, field-initiated event notifications such as outage alerts and load shed confirmations
- Two-way, 24/7 wireless communications with Itron CENTRON Polyphase III Advanced OEM-Ready meters
- Highly granular interval data for flexible rate designs
- On-request reads allow customer service to respond to inquiries and to closely monitor endpoints remotely
- Over-the-air configuration and TRUConnect Edge firmware updates for future enhancements
- Peak Demand
- Net Metering
- Theft detection, tampers
- TRUScan reading capability for Itron ERT™, Neptune R900®/R900i® and Badger ORION® CE MIUs

# TRUConnect™ Edge

## Product Specifications

Data Reported	
	<ul style="list-style-type: none"><li>• kWh, kVAh and kVARh</li><li>• Peak kW and coincident kVAR</li><li>• Peak kVA and coincident kW</li><li>• Peak kVAR and coincident kW</li><li>• Voltage, Current: Phases A, B &amp; C</li><li>• User defined interval data: 5, 10, 15, 30, 60 minutes</li><li>• Power factor, frequency</li><li>• Sags, Swells ( PPA license required)</li><li>• Net Metering (delivered and received)</li></ul>
Power	
	<ul style="list-style-type: none"><li>• 120-480VAC, 50/60Hz</li></ul>
Meter Forms Supported	
Self-contained	<ul style="list-style-type: none"><li>• 1S (CL100)</li><li>• 2S (CL200, CL320)</li><li>• 12S (CL200, CL320),</li><li>• 16S (CL200,CL320)</li></ul>
Transformer-rated	<ul style="list-style-type: none"><li>• 3S</li><li>• 4S</li><li>• 9S</li><li>• 9/36S</li><li>• 45S (CL20)</li></ul>

Environmental	
	<ul style="list-style-type: none"><li>• Operating temperature range: -40° to +158° F ( -40° to +70° C )</li><li>• Humidity: 5% to 95% non-condensing</li></ul>
Standards	
	<ul style="list-style-type: none"><li>• ANSI C12.1 &amp; C12.20, Class 0.2 accuracy</li><li>• FCC for CFR Title 47 P art 15b</li><li>• Measurement Canada AE-2576</li></ul>
Radio	
	<ul style="list-style-type: none"><li>• Frequency range: 902 - 928 MHz Unlicensed</li><li>• TRUConnect Network TRUPush Technology</li><li>• Vectored Channels: 64,000</li><li>• Transmit power: 1.0 watt</li></ul>
Ordering Information	
PP-1320	<ul style="list-style-type: none"><li>• TRUConnect Edge for Itron CENTRON Polyphase III Advanced OEM-Ready Meter</li></ul>
PP-1320C	<ul style="list-style-type: none"><li>• Measurement Canada approved TRUConnect Edge for Itron CENTRON Polyphase III Advanced OEM-Ready Meter</li></ul>

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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.