

Triacta GATEWAY Systems

Multi-point submetering for Energy Management, Tenant Billing & Building Control

Triacta GATEWAY™ systems are modular, high density electrical meters and pulse collectors for measurement and verification (M&V), energy management, tenant billing, and building control applications.

Combining highly accurate, easily deployable, best-in-class metrology with a powerful computing foundation and IoT networking techniques, the Triacta GATEWAY™ system can easily integrate with legacy building automation protocols or with an IoT oriented network — seamlessly delivering building information to multiple cloud-centric or server-based systems, and making advanced building controls and M&V practical for the sub 50,000 square foot market.

Building Services Information When and Where You Need It

The Triacta GATEWAY™ system offers property managers and building owners a highly accurate metering platform that can measure, store, and pass on building services information to any and all building management and business applications — avoiding costly information silos that hamstring building management initiatives by restricting information flow.



Key Features

- ✓ Revenue-grade, industrial design ready for tenant billing, energy management, and building automation applications
- ✓ Modular architecture that can accommodate from 12 to 48 inputs for measuring building services such as electricity, water or natural gas — all on the same device
- ✓ 2 voltage references selectable on a per meter-point basis
- ✓ Flexible meterpoint configuration — any combination of single, dual or three phase meter-points; any input programmed to a meter-point
- ✓ Multi-communication capabilities to match any particular networking situation — from legacy building systems to IoT
- ✓ Multi-homing capabilities with cloud-based access for simultaneous communications with multiple cloud services



TRIACTA
SUBMETERING BEYOND MEASURE

Measure Today. Control Tomorrow.

The Triacta GATEWAY's modular design, open protocols approach, and powerful LINUX based operating system means it can easily integrate with current and future building, business, and IT systems. Tomorrow will look different than today, and property managers and owners need to future-proof their building's infrastructure so it can thrive in both worlds.

Component Architecture

Triacta GATEWAY™ Systems have two primary components: the GATEWAY Head and the GATEWAY Enclosure. The GATEWAY Head is the active metrology and computing platform for the system. The GATEWAY Enclosure is a passive landing base for power and inputs from sensor sources.

This "2 component" approach allows an Enclosure to be installed, and electrical connections terminated by electrical contractors separate from the installation of the GATEWAY Head – which may be installed at a later time by a technician with no electrical accreditation.

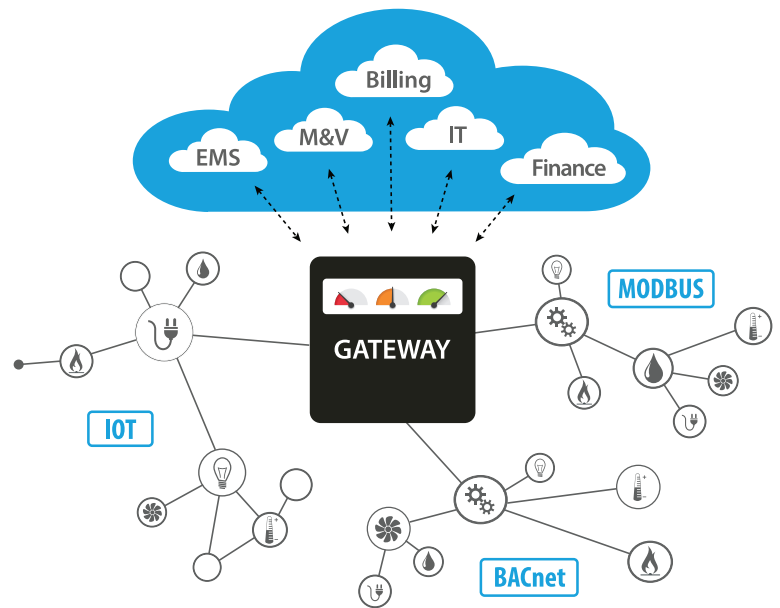
GATEWAY systems are expandable to provide control gateway functionality for subtended BAS and IoT controllers (available in next major release).

About Triacta

Triacta Power Solutions designs and manufactures high-end, revenue grade meters and data acquisition devices for energy management, tenant billing, and building control applications.

Triacta's hardware and software make it possible to monitor hundreds of meter points within a facility in real-time. Triacta's meters can be integrated with existing building management and automation systems or used on their own to form a metering fabric for part of a building, an entire building, or a complete real estate portfolio.

Long known for its high-reliability, revenue-grade, multi-protocol sub-metering products, Triacta's meters have been deployed by sub-metering companies, property owners, building system integrators, and local distribution companies since 2003.



GATEWAY systems are available in varying capacities of 12 input increments up to 48 total – with each increment selected from a choice of the following input types:

12 x 100mA CT
12 x 80mA CT
12 x 333mV CT or Rogowski Coil
12 x Form A Dry-Contact Pulse Input <i>(note: 2 pulse inputs already built into base system)</i>
12 x Form A Solid-State Contact Pulse Input

**Contact us for more information
about Triacta's advanced
sub-metering solutions.**

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