



T1-S Axiom™

Business Value

- An economical solution to replace unsupported monitoring systems.
- Select features and functions you need.
- See information required to operate and manage commercial-scale power generation.
- Review historical data and make informed decisions on performance.
- Receive automatic alerts when there's a problem or when a performance trend reaches a threshold.
- Designed by industry veterans using professional grade components. The result – a reliable system that's easy to install* and simple to operate.
- Enables secure, remote monitoring with optional control capabilities.

Monitor and Manage Your Commercial PV Generation

Trimark's T1-S Axiom is a fully customizable system to measure, collect and display power production and meteorological information you need to monitor performance of your PV solar sites.

Scaled for commercial and rooftop systems, T1-S Axiom is an economical solution to manage a single site or an entire portfolio.

Metered Generation Values

Precise values are captured by a revenue-grade meter. This meter documents power production to confirm production and operate effectively.

View Resource Status

T1-S Axiom displays reliable information through a web browser or mobile App. You can access performance information, report historical values and receive alerts and alarms.

Meteorological Foundation

Meteorological sensors are required to determine potential performance. You can outfit T1-S Axiom with sensors to measure solar irradiance, back panel temperature, wind, and more. Knowing the irradiance lets you determine what your system should produce and determine if service is needed.



T1-S Axiom shows how much power your system is producing and its efficiency. Performance thresholds and other events can trigger alerts and alarms.

Secure Data Communication

T1-S Axiom connects to the cloud through an existing network. No network? No problem! Trimark can provide our TENode™ as a secure, wireless cellular option.

Optional Control

T1-S Axiom can be configured to provide essential controls including connect/disconnect, curtail and other functions. Ask us for details.

Built for Easy Deployment

Installation is easy. With a few simple connections* and our expert advice, you'll be up and running quickly.

T1-S Axiom: Feature Options

Trimark works with you to design a system with the features and functions you require.

Data Collection/Monitoring

- Meter data
- Weather data
- Equipment status
- Indoor or outdoor environments

Presentation (T1-S Vantage)

- Review site or portfolio performance in a Web-browser or mobile App
- Historical data logging and reporting for analysis
- Alarms management
- Email and SMS notifications



Metering

- Revenue-grade meter (0.2% accuracy, KYZ output)
- Solid or split-core CTs
- Test switch
- Complete data services (e.g. regulatory compliance, settlement, billing, forecasting, validation, editing, and estimating (VEE))



Meteorological Sensors

- Irradiance sensor to measure sun energy
- Back-panel temperature sensor
- All-in-one meteorological station to track wind speed/direction, temperature, barometric pressure and POA irradiance



Controls

- System connect/disconnect
- Curtail power on schedule or on demand
- Voltage regulation to ensure stable power characteristics

Communications

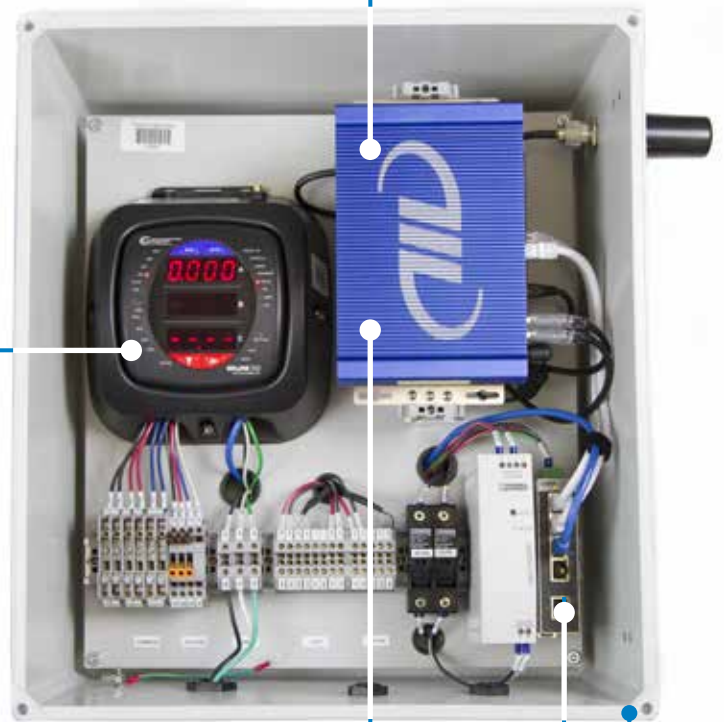
- Internet ready for wired or wireless connectivity

Cabinet

- Size: 18" x 16" x 10"
- NEMA 3R Cabinet provides weather protection and security

Battery Backup

- Uninterruptable Power Supply (UPS) and battery backup



T1-S Axiom must be installed by a licensed electrician.



A Proven Player in the Energy Market

Trimark Associates, Inc. develops reliable, affordable business and operational solutions that support compliance and optimization of power production.

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