# OMNIMETRIX
## GLOBAL MONITORING + CONTROL

# TRUEGUARD PRO™
# COMMERCIAL / INDUSTRIAL GENERATOR MONITOR

## 95% OF GENERATOR FAILURES ARE PREVENTABLE WITH OMNIMETRIX®

*All OmniMetrix® monitoring and control systems connect you instantly from anywhere to real-time and historical information on any number of sites, from a single generator to an entire fleet.*

### REMOTE VISIBILITY AND CONTROL

The OmniMetrix® TrueGuard-PRO™ wireless remote monitoring and control system is the reliable, cost-effective solution for backup power monitoring. It connects to **all major generator brands** and is Modbus compatible for access to diagnostic information directly from the genset and transfer switch controls. This unit has the ability to monitor key items that can lead to a generator system failing to start, including:
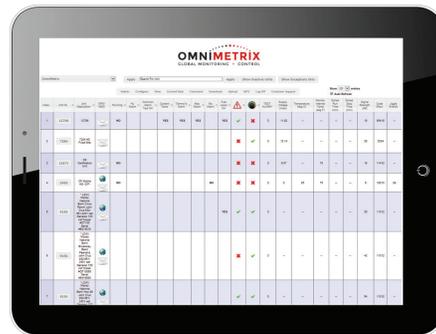
- Battery voltage
- Fuel status
- Coolant status
- Missed exercise/alarms
- Up to 256 alarm and analog conditions

### FAST, SIMPLE INSTALLATION AND SUPPORT

- Fast – Most installs completed in under an hour
- Simple – Includes cables, antenna, and magnetic mount
- Patented, over-the-air programming and updates at no additional charge
- Remote technical support included
- Low profile form factor easily mounts to most surfaces via magnetic feet or screws
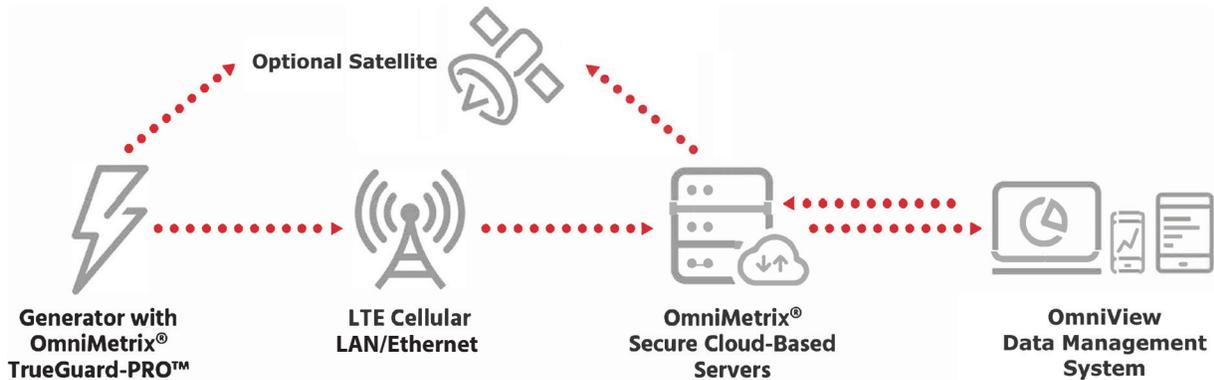
### OMNIVIEW® AND SECURE DATA

OmniView® is our secure, online Data Management Center. It is the real power behind the monitoring and control system and enables you to make informed decisions 24/7/365.

**OmniView offers:**

- Interactive 24/7 access
- Instant alarm notification via email or SMS text
- Detailed alarm / fault display & history
- Informative standard and custom reports
- Service trouble ticket & escalation program
- Secure & redundant servers with data archiving
- Remote diagnostics
- No software to download
- Remote control (Including start / stop)

All OmniMetrix monitors feature our patented, over-the-air remote programmability for auto-updating in the field. Users can view equipment data and alarm status through our data management center, OmniView.

# PRODUCT TECHNICAL DETAILS & OPTIONS



**Optional Satellite**

Generator with OmniMetrix® TrueGuard-PRO™ → LTE Cellular LAN/Ethernet → OmniMetrix® Secure Cloud-Based Servers → OmniView Data Management System

## REMOTE COMMUNICATION:

- LTE Cellular - USA & international coverage
- Satellite - Global coverage
- LAN & Ethernet

## PANEL CONNECTIONS:

- Modbus
  - RS485 or RS232
- Modlon
- Hardwire

## CONNECTION CAPABILITIES:

- Up to 128 Modbus alarm conditions
- Up to 128 Modbus analog parameters
- Up to 8 hardwired alarm inputs
- Up to 2 hardwired analog inputs
- 2 output control relays

## ANALOG INPUTS:

- (1) 0 - 0 – 18 Vdc
- (1) 4 – 20 mA (or 0 – 5 Vdc or 0 – 50 Vdc)

## OPTIONAL ACCESSORIES:

- GPS location display
- Power meter kit (Load & Utility)
- Analog fuel level kit
- Power supply (for 120 VAC operation)
- Input/output expansion module
- Panel cable extensions
- Antenna cable extensions
- Serial port sharing module

## APPLICATION:

- Generators
- Mobile generators
- Fire pumps
- Lift stations
- Custom configurations

## DEVICE DETAILS:

- **Display:** 6 Status LED's
- **Size:** 5″ x 4″ x 2″
- **Weight:** 1.3 lbs.
- **Temperature Range:** -40° F to +185° F
- **Power Input:** 9 – 30 Vdc
- **Current (Typical):** 30 mA
- **Current (Max):** 2A
- **Cellular Antenna:** 3 db magnetic mount
- **FCC:** Radio meets FCC Part 90 & Part 15

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*Unit package is complete and includes installation instructions, panel cable, antenna cable and antenna.

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