



GRIDMAX

Smart Grid Solution



PERI is an ISO 9001 certified global technology company that delivers business solutions with a portfolio of software products, application development, intelligent hardware products and smart solutions. The smart solution includes **PERI GridMax** suite of Smart Grid solutions, SCADA & VOIP and intelligent hardware includes GPS, Handhelds and Wifi Mesh.

PERI GridMax is a simple, secure, scalable suite of hardware and software products that comprise an end to end Smart Grid solution. GridMax suite of Smart Grid solutions are specifically designed to assist small and large utilities and co-ops meet the demands of energy generation, distribution, storage, metrics, and consumption.

PERI GridMax offers multiple Smart Grid solutions including all components from the meter to MDM, data collection system and data analysis tool that are designed to work independently or with other applications in a versatile, secure, reliable and scalable way. **GridMax** provides a standards based, auditable and customizable solution designed for deployments from a small pilot project to a large scale system-wide implementation that integrates seamlessly into existing infrastructure.

GRIDMAX Solution Suite

GRIDMAX
Meters



GRIDMAX
Backhaul



GRIDMAX
MDMS



GRIDMAX
Telephony



GRIDMAX
Analytics



GRIDMAX
HAN



GridMax Meters

are single and poly phase electronic watt hour meters with two way communication that are designed to offer high quality, accurate readings and performance at an affordable price.



GridMax Backhaul

provides an ultra fast, standards based, dynamically scalable, cost effective, cloud based data collection

application. It is a fault tolerant distributed database solution for managing incoming meter data with no delay and provides an ideal central repository for all metering data.

GridMax MDMS

provides the framework for processing large amounts of data. It also provides easy integration to other systems including time based usage systems, billing, CIS, CTI, reporting, HAN, outage management system, asset management and messaging.



GRIDMAX Telephony is a Customer Information System (CIS) and Computer Telephony Integration (CTI) for Smart Grid Solutions. It is an enterprise class, state of the art communication solution that integrates voice, video and data into a single, robust, reliable platform. Built on standard telephony protocols, the GRIDMAX Telephony hosts a variety of solutions that cater to specific requirements of utilities and seamlessly bridges the communication and other gaps between utilities and customers.



GridMax Analytics is a powerful, web based online analytical processing tool for users to explore data to discover causes, spot

trends and patterns, identify anomalies and visualize correlations. Using **GridMax Analytics** enables straightforward, efficient, and secure analysis of large volumes of data that was previously considered too complex or difficult to be done.

GridMax HAN

solutions provides a suite of ZigBee enabled smart energy profile devices/applications in a Home Area Network (HAN) that enables secure

communication with appliances and other devices. These include Smart thermostats, Switches, Lighting systems and other devices that can be used independently, or in conjunction with external third party solutions such as Google's Powermeter or with the utility's infrastructure.



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