

Live Online Remote Monitoring for ENERGY USAGE

Electricity, Gas and Water
Temperature, Humidity...



logicenergy

LIVE MONITORING

TRACK AND RECORD ENERGY GENERATION AND CONSUMPTION TO OPTIMISE ENERGY USE AND SAVE COSTS

TECHNICAL INFORMATION

MONITORING SYSTEM FEATURES

System Information

Acquisition of vital data such as: *system status, current power consumption (kW), total energy consumption (kWh), gas electricity, water usage, CO2 offset, temperature and humidity and other ambient sensors.*

Reliable and Efficient Data Backup, Access and Management System

- Information accessible on any web browser enabled device such as pc, laptop, mobile phone and public displays.
- Online management systems employing multiple levels of hierarchy over multiple sites and management of clients' access level all from a single portal.
- Daily backup of data on SAS70 Type-II certified data centre.
- Native iOS and Android App access.

Alerts and Controls for Monitoring

- Custom alerts and alarm conditions configuration, alerts emails and built-in alerts log-book.
- Global map installation monitoring, one simple view to see site location and status.

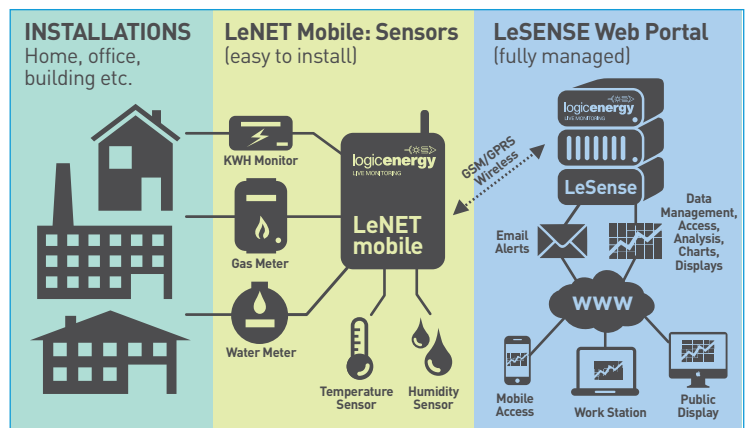


Advanced Tools for Graphing, Charting, Analysis, Report generation and Display

- Advanced graphing and charting reporting tools such as custom date/time period selection and average intervals.
- Data analysis and comparison tools for evaluating system performance, comparing various parameters and generating data reports like energy reports, temperature/humidity reports etc.
- Energy efficiency can be compared and analysed from multiple sites.

LeNETmobile

LeNETmobile is connected to the installations using various sensors (depending on parameters to be monitored) like energy meters, gas meter, water meter, temperature sensors, humidity sensor.



SYSTEM REQUIREMENTS

LeNETmobile	Monitoring hardware, 10 minutes frequency updates.
GSM/GPRS SIM	Active m2m GPRS data SIM, 10MB per month (works worldwide on GSM networks).
Power Supply Unit	Mains or solar powered: 6Vdc to 12Vdc.
kWh Meter (Energy Meter)	Standard Energy meter 1-phase/3-phase with pulse output. (Typically 1000 imp/kWh pulse rate for highest resolution).
OPTIONAL SENSORS FOR ADVANCED MONITORING	
Gas Meter	Gas meter with pulse output – highest resolution possible, 1imp/m3.
Water Meter	Water meter with pulse output – highest resolution possible, 1imp/lt.
Temperature Sensor	Analogue temperature sensor Visit shop.logicenergy.com for detailed options.
Humidity Sensor	Analogue humidity sensor Visit shop.logicenergy.com for detailed options.

www.logicenergy.com

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