

Building Automation & Energy Management

ICTnexus has a comprehensive portfolio of energy products and solutions that enable our customers to effectively manage their energy consumption.

Effective energy management is about understanding your built environment. We help our customers to capture and interpret energy usage data, identify energy saving strategies and prioritise them to net significant savings through state of the art Building Automation.



MAIN FEATURES

- SaaS Software as a Service
- Energy Management (ISO 50001 & CMVP)
- Building Automation & HVAC Control
- Cloud based on a secure web-server
- On Premise with Proton-Nano Server
- SaaS Software as a Service
- Lighting Control & Air Quality Control
- Smart Power, Gas & Water Meter
- Wired or wireless connectivity
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ENERGY & CARBON MANAGEMENT SERVICES

Energy Audit

An energy audit determines the most effective low-cost means of reducing energy use.

Energy Management Programmes

Industrial and commercial monitoring & targeting programmes. Energy Performance Contracting.

Energy Monitoring

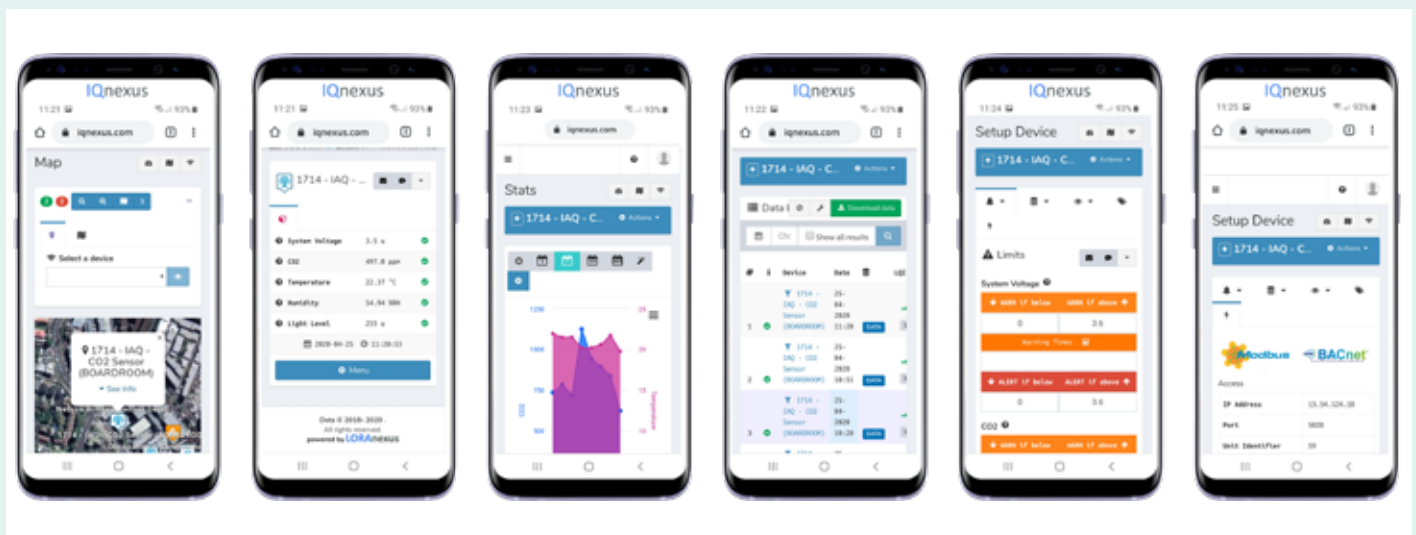
Real-time cloud-based or on-premise monitoring systems & smart meters

Measurement & Verification

Measurement & Verification (M&V) is the process of determining energy savings derived from an energy performance upgrade project or programme.

RESPONSIVE VIEWS & NOTIFICATIONS

ICTnexus supports a mobile friendly & responsive user interface. It provides different views for client, tenant and technical staff. The mobile view is used for information and notification. It's a valuable and necessary tool during operation & troubleshooting in the facility.



ICTNEXUS FACILITIES MANAGEMENT

Overview

ICTNexus is a partner of Optergy.

Optergy Enterprise is a web-based building management software & systems that integrates Building Automation, Energy Management and Facilities Management tools to control, measure, manage and report on building data in real time. Optergy Enterprise is a scalable solution that can be hosted locally on-site, in a virtual environment or in the cloud allowing easy access to building data.

Connect your building's power, water and gas meters together with building automation, lighting, weather and forecast data via a secure network or wireless via LoRaWAN® IoT network.

Optergy Enterprise provides the tools to analyse, compare, and aggregate the data to provide real time benchmarking, forecasting and alarming. All data is logged into a powerful relational database to ensure data is never lost

Optergy Enterprise provides 24/7 monitoring of utility metering and sub-metering, and can notify you of location, time and cost implications of detected anomalies.

This data is presented in a series of automated reports via an intuitive user-friendly web interface. Optergy Enterprise provides real-time measurements and feedback specific to each client's needs.

These reports can be accessed via internet connection anytime, anywhere.

With Optergy Enterprise, users can effectively manage energy, target waste and be alerted to the most critical conditions in the building.

Optergy Proton

Proton is a web-based building controller that integrates building automation and energy management systems. Proton provides the tools to visualize, monitor, control and report on building operation in real time.

It is based on the Optergy Enterprise Software and used for on-premise local control.

