



Vigilance is a leading provider of electrical power monitoring systems (EPMS), providing the means to measure and monitor the power usage, quality and status of your entire facility. Our solutions provide a new approach combining simplicity, innovation and value for money, enabling you to monitor energy efficiency remotely and cost effectively.

- Modular & scalable suite of both hardware and software
- Provides detailed, accurate data about how energy is being used
- Monitors a multitude of different power protection / distribution components (including UPS, Generator, Batteries, Breaker status, STS/ATS, BCM, Metering & Thermal Monitoring).

This is then integrated into a single, holistic view (for single or multi-sites) which means system health and performance can be viewed anytime, anywhere. This data can then be used to better, and more easily manage power consumption and energy efficiency, facilitating sustainable energy savings.

Increased focus on power...

The lack of power resource, together with the increase in power demand has led to rising energy costs, which has resulted in power now being one of the single largest components of operating costs; therefore a real-time view of energy usage has become essential to operating in an optimized way.

Organizations are now recognizing the need to be 'energy efficient' and their Corporate Responsibility to be 'Green'. Companies must demonstrate their steps toward power efficiency by implementing basic energy efficiency tools such as metering & monitoring as standard.

Vigilance:

- Continually logs data 24x7
- Provides comprehensive historical data that helps end-users to reduce the energy delivered to and consumed by their facilities.
- Helps clients make clear energy usage decisions
- Increase control over their energy bills
- Empowers clients to manage and sustain their reduced energy usage
- Significant savings can be incurred depending on the level of energy usage and the level of monitoring implemented

"With Vigilance you can choose the components for your power monitoring system with confidence, while we design and build an effective solution that will give you the power to achieve your energy reduction goals"

The Imperative for Power Monitoring:

- Power Confidence – visibility into the health and status of power distribution, power quality and backup power systems
- Power Condition / Performance –delivering detailed, accurate data can reveal existing or imminent issues, quickly diagnosing power problems
- Energy Efficiency – understanding overall power usage allows identification of an array of prospects to improve efficiency, minimize waste and reduce overall consumption
- Energy billing–tracking power consumption of buildings / departments to enable accurate utility billings / cost allocation

Vigilance from QHi-Group provides a selection of metering and monitoring devices including energy meters, power quality analyzers, revenue meters and branch circuit monitoring combined with easy to use software.

With a modular and comprehensive range of hardware and software, there is a solution to maximise energy efficiency in every installation.



A New Approach presents an Evolutionary Alternative...

So why the need for a new approach?

Markets are dominated by complex systems & solutions that leave customers tied up in product / software legacy issues, inflexible system options and costs whenever they wish to undertake system engineering. User's experience:

- Lack of control – reliance on supplier to amend / update system
- Inflexible systems – clients don't have a choice regarding system options / engineering
- Legacy Issues – client tied to one supplier / manufacturer (multi-site / system update issues)
- High system Costs – overpriced 'generic' systems and annual license fees

Vigilance provides an EPMS with a new open framework, modular approach and open protocol platform that does not tie you irrevocably to a particular system supplier, or equipment manufacturer.

Our intelligently designed and priced solutions mean you can integrate our system with your existing equipment / hardware and easily expand as your requirements change or grow.

We understand that monitoring solutions are not just about what the system can do, but how the system can help you as a client & be flexible enough to expand as required.

That's why we feel this is power monitoring at it's best; Vigilance is a comprehensive, cost effective, 'user friendly', tailor made solution that specifically addresses the needs and requirements of our clients, helping you regain control of your system.

Power monitoring with a difference...

Fully open protocol

At QHi –Group we understand the importance of control, so when we say fully open, that's exactly what we mean; we utilize internationally proven, resilient industry standard ModBus protocol meaning we can communicate with any existing equipment.

Local / Remote / Multi-site Views

Vigilance is fully web enabled, all you need is an internet connection and you can have access to system health & performance anywhere in the world. Features - common alarms to BMS / SCADA & integration into 3rd party systems (Bacnet, ModBus, OPC). Optional touch screens and local / remote / multi-site views are all available.

Innovative Menu style options

Clients choose only what they need – all systems are tailor made to suit customer requirements. We supply a modular, scalable suite of software and hardware; enabling monitoring of numerous power distribution / protection components. Construction of our databases are open, meaning clients are able to carry out system engineering (additions / revisions) and unlike other systems, revisions can be implemented on a live system without the need to 'reboot'.

Event Recorder

Vigilance provides real-time data with a synchronized clock, meaning events can be analysed historically in chronological order to ensure your system provides detailed, accurate data when you need it most, diagnosing faults quickly and constantly monitoring energy performance.

No Legacy Equipment Issues

Open source protocol means data can be read from components made from various manufacturers; avoiding the need for expensive replacement of any existing hardware. This is ideal for multi-site clients with hardware variations per site and allows future freedom of choice of equipment based on performance / price.

No Annual License Fees

Vigilance is one of the most cost effective and comprehensive power monitoring solutions available, which means no hidden costs and no annual on-going license fees for hardware or software.