

VIOTAS

ONE PARTNER

Complete Grid Intelligence

From connection and power quality monitoring to optimisation and market participation.



CONNECT



MONITOR



MONETISE



Why VIOTAS for Data Centres?

VIOTAS is an international grid flexibility and smart grid technology company. We help data centres:

- ✓ Connect with confidence
- ✓ Monitor electrical performance
- ✓ Unlock flexible load value

FULL-STACK TECHNOLOGY PROVEN MARKET EXECUTION



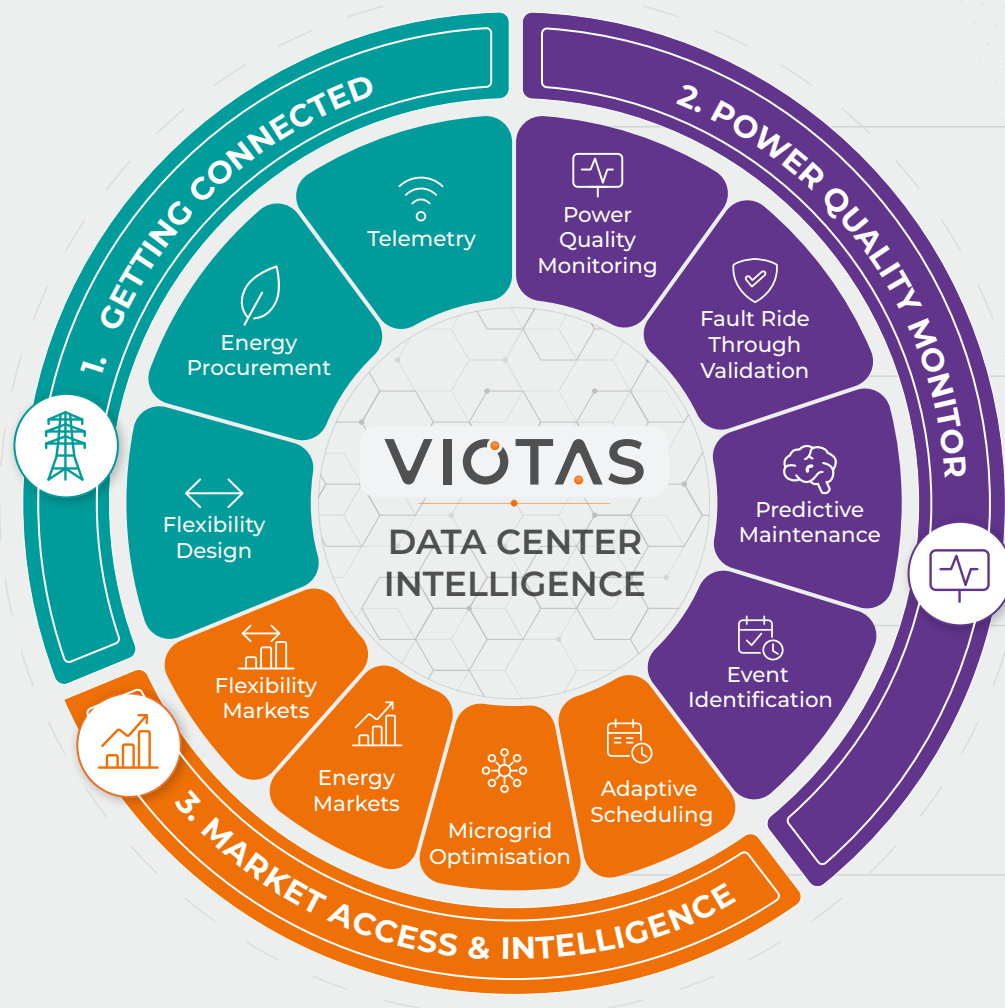
VIO Link Edge Technology

High-speed metering and precision orchestration, measuring key electrical parameters **8,000 times per second** and responding to events **within milli-seconds**.

- ✓ **AI-Driven Forecasting**
Forecasting tools that anticipate market and grid conditions.
- ✓ **Intelligent Market Participation**
Market access and optimisation for customers who choose to monetize flexible load.
- ✓ **Market Operations**
24/7 support from our network operations centre.

VIOTAS DATA CENTRE GRID INTELLIGENCE

Connect. Monitor. Monetise. One framework across the data center lifecycle.



CONNECT

Grid readiness, telemetry and connection evidence.

MONITOR

Power Quality Management, Fault-ride through, event reporting asset visibility.

MONETISE

Flexibility markets, energy optimisation and adaptive scheduling.

CONNECT | NEM GRID READINESS SUPPORT

Data centres face increasing expectations to connect to the grid, meet new requirements and prove operational readiness.

AEMC Draft Determination | Large inverter-based loads

Large inverter-based load customers are facing more onerous requirements around how they connect to the grid, coordinate with transmission providers and grid operators, and support reliable system operation.

New Requirements and Guidelines | Ride-through & disturbance response

Large inverter-based loads are expected to demonstrate defined electrical performance, including ride-through capability, accurate modelling, and predictable response during grid disturbances.

- ERC0394 • NSW Guidelines • NSW Data Centre Policy Framework

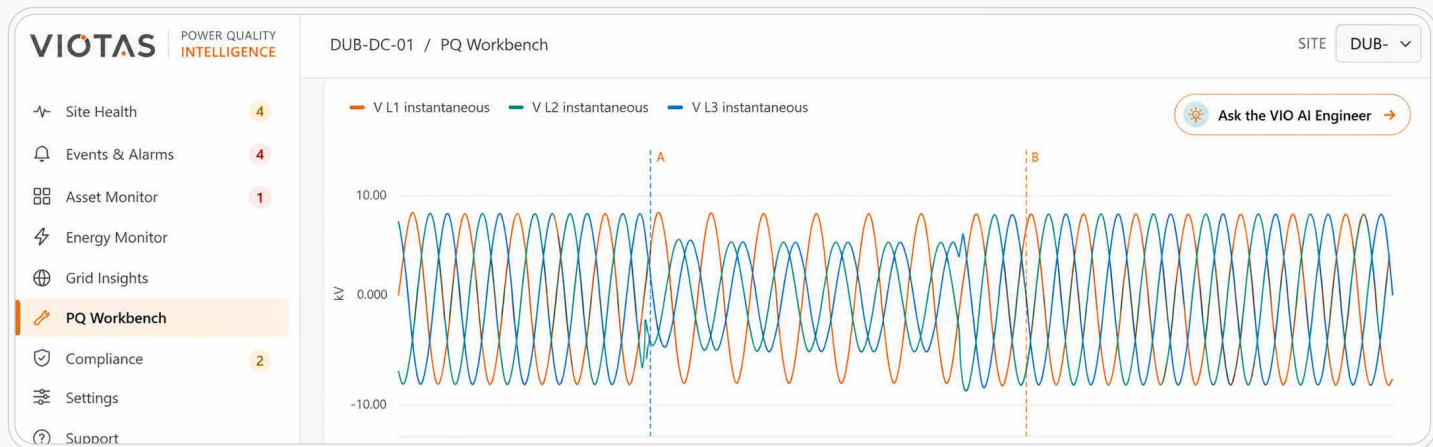
Operational Evidence | Readiness must be visible

Data centres need reliable data to determine what occurred during a disturbance, how the site responded, whether expected performance was achieved, and what corrective actions may be required.

MONITOR | POWER QUALITY INTELLIGENCE

High-speed monitoring that turns electrical events into trusted site evidence.

The full-stack VIOTAS Power Quality Intelligence Platform provides a high-quality scalable solution for Data Centre power quality needs.



Detect

Dips, swells, harmonics, transients, frequency events, and anomalies for predictive maintenance.



Locate

Locate where disturbances originate within site and gain grid insights from our monitored points across the grid.



Explain

Turn event data into clear evidence for root cause analysis, reporting and action.



Intuitive

Clear actionable data, streamlined workflows and natural-language interaction through the **VIO AI Engineer**.



Powered by **VIO Link**

High-speed, GPS-synchronised monitoring at selected points across the electrical system.

- ⌚ High-speed capture
- 📍 GPS synchronised
- 🔒 Secure event records
- 💾 128GB storage per power meter

UNLOCK THE VALUE OF GRID FLEXIBILITY

VIOTAS helps data centres turn flexibility into financial value, strengthen grid readiness, and future-proof operations.

Price Responsive Strategies

Price and peak-cost avoidance

Flexible loads can reduce or shift consumption when NEM or WEM prices are high, avoiding costly periods where prices can reach \$23,200/MWh. Managing demand around summer peaks can also help reduce exposure to WEM ICR charges or, in the NEM, applicable network charges.

Flexible Compute Optimisation

Coordinating flexible workloads and site assets

AI training, batch workloads, BESS, backup generation and other flexible assets can be coordinated against operational priorities, market signals and customer-defined thresholds.

A full-stack platform combining advanced technology with intelligent, intuitive multi-domain insights powered by our VIO AI Engineer.



Power Quality

Grid

Market

Operations



Optimisation Opportunity

An opportunity has been identified that that a minor shift in some flexible site load will lead to significant savings over the next 48hr period.

FLEXIBILITY ASSESSMENT

MEASURED

INSIGHT



Shiftable load

Available

Potential to move demand



Operating headroom

Healthy

Constraints remain protected



Response speed

Suitable

Fast enough for relevant opportunities



SCAN TO **LEARN MORE**



www.VIOTAS.com



info.au@VIOTAS.com