VERDIGRIS

Prevent Downtime with

Real-Time Waveform Capture and Analysis

Never miss a critical power event

Downtime is one of the biggest risks for businesses today, costing data centers and enterprises anywhere from thousands to millions of dollars per minute. Power-related issues like blackouts, brownouts, and equipment failures can have a devastating impact on operations.

Preventing these failures requires continuous, real-time monitoring and fast, actionable insights into the root causes of any event. That's where Verdigris' waveform capture and analysis comes in.

>$1M lost

per outage event for data centers supporting critical applications

80%

increase in weather-related power outages since 2011

>8,000

data points per second captured by Verdigris for analysis

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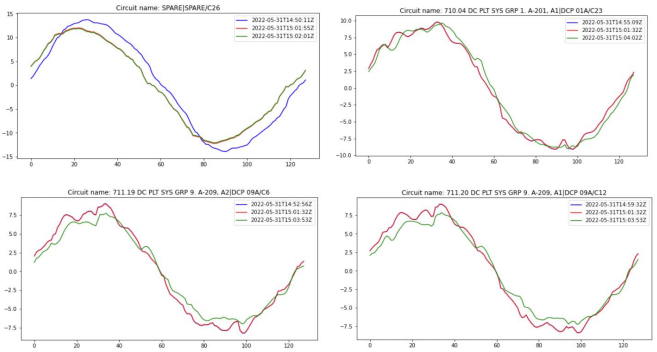
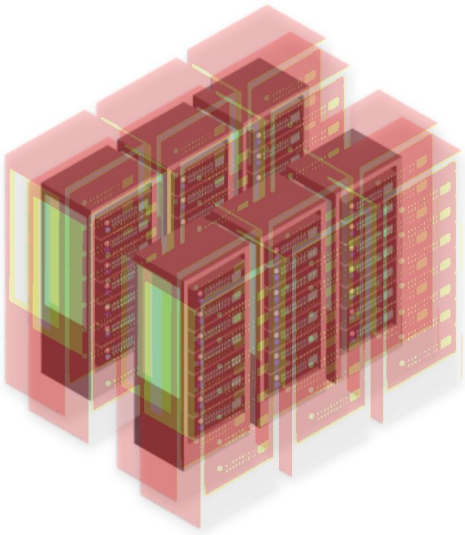
Capture Raw Waveforms for Forensic Analysis

Power disruptions, such as blackouts and brownouts, lead to costly downtime and can result in IT and cooling failures. Each minute of downtime can cost businesses from thousands to millions of dollars, making fast detection and analysis essential.

Verdigris provides real-time waveform capture, sampling over 8,000 data points per second to detect voltage sags, swells, and spikes as they happen. When events occur, Verdigris automatically triggers waveform capture, allowing operators to perform immediate forensic analysis and take corrective action.





Prevent Equipment Failures with Power Quality Analysis

Voltage swells can cause equipment failures, overheating, and even permanent damage to sensitive electrical and IT systems. By analyzing in-rush currents and monitoring for over-voltage conditions, Verdigris helps you identify aging or faulty equipment, preventing failures before they disrupt operations.

Verdigris's real-time data and hierarchical context provide clear insights into the state of your equipment, enabling condition-based monitoring similar to the vibrational sensors used in motor maintenance. This allows you to classify equipment health and address issues before they escalate, extending the life of your infrastructure and reducing unplanned downtime.

Access Insights Anytime, Anywhere

Only Verdigris EV2 Pro offers both steady-state and raw waveform capture during abnormal electrical events, offering unmatched insights into power disturbances and making it ideal for facilities prone to power sags or fluctuations.

Data can be accessed remotely and instantly through the Sag/Swell Capture API, ensuring 24/7 visibility into equipment health and power conditions, and enabling you to audit and pinpoint the root cause of issues with precise, timestamped data.