

H2cloud™

Cloud-based intelligence platform that turns real-time data into protected uptime



H2cloud centralizes transformer fleet data from H2scan's Sentinel line of wireless communicators, delivering cyber-secure real-time visibility, anomaly alerts and advanced analytics. The platform helps asset managers identify developing issues, prioritize maintenance and act before failures disrupt operations.

MORE CONTEXT



INTEGRATED INTELLIGENCE

Combines transformer health with SENTINEL PRO power-quality data.

EARLY WARNING



PREDICTIVE CAPABILITIES

Flags anomalies and developing issues so teams can act before failures occur.

ALWAYS CONNECTED



REAL-TIME FLEET VISIBILITY

Centralized views across transformer assets with real-time and historical data.

CENTRALIZED VISIBILITY



FLEET-WIDE MONITORING

Integrates with enterprise asset management and SCADA/ADMS systems.

UTILITY-GRADED SOLUTION



CYBER-SECURE CLOUD

Architecture designed for utility and industrial critical-infrastructure requirements.

BUILT TO EXPAND



SCALABLE BY DESIGN

Stores, visualizes, analyzes and reports data across the whole fleet.

BENEFITS

- Short time to value
- Centralized visibility across all transformer assets
- Predictive capabilities
- Dynamic data log storage

H2cloud™

Fast, powerful and flexible fleet monitoring platform built for grid modernization and digital asset management.

PLATFORM CAPABILITIES

Data Access	Instantaneous queries across real-time and historical transformer data
Visualization	Centralized tabular and graphic views for fleet-wide health insight
Analytics	Advanced analytics and anomaly alerts for proactive asset management
Grid Intelligence	Integrated power-quality data from H2scan Sentinel PRO
Fleet Scale	Designed to ingest, store, visualize, analyze and report on an unlimited number of grid monitors

INTEGRATION & DEPLOYMENT

Deployment	Cloud-based platform with one-click scaling
Hardware	Data ingestion from H2scan's family of transformer monitoring hardware
Device Burden	10 VA (without accessories) 30 VA (with accessories)
Enterprise	Integration with enterprise asset management and SCADA/ADMS systems
Security	Cyber-secure, utility-grade cloud architecture for critical infrastructure

OPERATIONAL OUTCOMES

Maintenance	Prioritize maintenance assignments and replacement decisions
Life Cycle	Optimize transformer utilization, reliability and asset life cycles
Reliability	Reduce downtime and help avoid costly outages and reliability impacts

H2CLOUD VISUALIZATION

