DENTCloud

submetering data analytics platform

DENTCloud v1.2 provides secure, subscription-free, real-time access to your energy data anywhere in the world. This intuitive platform offers visibility into all your power consumption data points, flexible data visualization, and seamless integration capabilities. Self-managed API access offers the flexibility to connect to any endpoint.

CLOUD SPECIFICATIONS

Cloud Security	ISO 27001 certified with HIPAA, PCI DSS, FedRAMP, FISMA, and GDPR compliance
Database	Dynamic and scalable Perpetual and limitless historical data storage
Real-Time Access	Voltage, current, power, energy, and other electrical parameters
Data Accuracy	Revenue-grade (ANSI C12.210-2019 Class 0.5) energy data

API SPECIFICATIONS

Communication Protocols	API: HTTP REST
Data Push Frequency	Every 15 minutes
Data Format	JSON
Supported API Endpoints	getMeters, getTopics, getData
Authentication	Uses "x-api-key" and "x-key-id" in headers
Compatibility	Compatible with any system or platform

SUPPORTED PARAMETERS

Parameter	Unit	Scope
kVAR Hour Net	kVARh	Meter
kVA Hour Net	kVAh	Meter
Current	A	Channel
Watt-Hour Meter	kWh	Meter
Displacement Power Factor	dPF	Meter
Displacement Power Factor	dPF	Channel
Volts, Lines 1-3 to Neutral	V	System
Watt Demand	kW	Meter
Demand kW Peak	kW	Meter

COMPATIBLE METERS

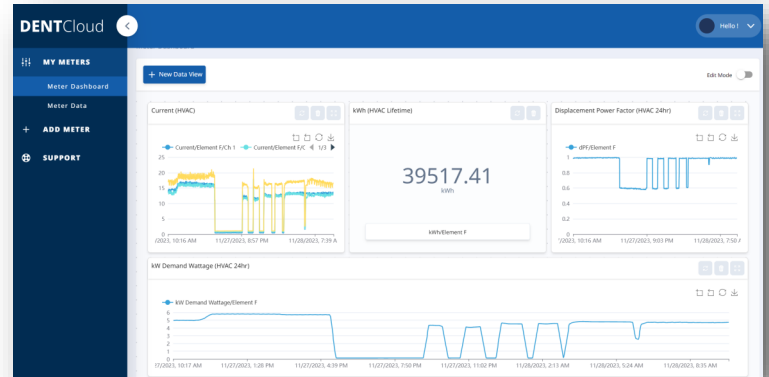| Meter Channels	Enclosure + Display + Cloud
PowerScout 3	PS3HDCDND
PowerScout 12	PS12HDCDND
PowerScout 24	PS24HDCDND
PowerScout 48	PS48HDCDND

CONTACT US

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An ISO 9001:2008 Certified Company

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WEB PORTAL DASHBOARD

WEB PORTAL FEATURES

- Advanced filtering and sorting options
- Connect unlimited cloud-enabled meters
- Custom naming and location setting for meters
- Local time data handling
- Flexible and powerful widgets
- Tubular data views layout
- Real-Time Synchronization
- API Access