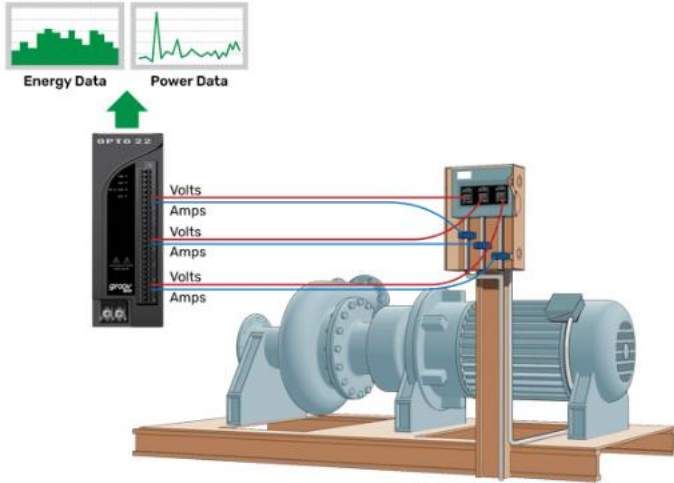




Latest technology, Highest Reliability, with Options of Hosted or SAAS - Power and Energy Monitoring Solutions With Industry Leading Hardware and Software Partners

Standalone and ready to go

For easy distributed power and energy monitoring of one 3-phase load, choose a *groov RIO EMU* edge I/O module.

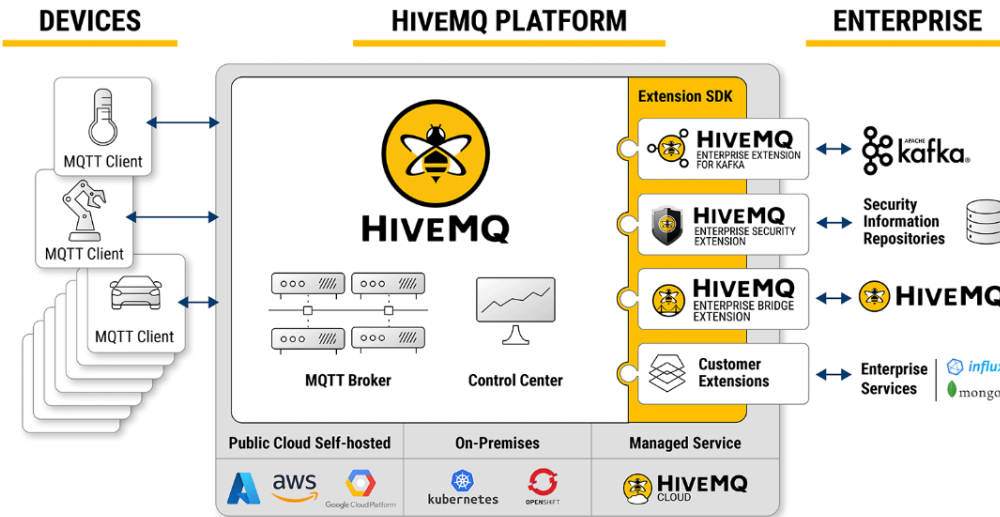


One small industrial device does it all:

- > Measures volts AC RMS and amps AC RMS on Category III wye (up to 400 VAC) or delta (up to 600 VAC) circuits
- > Monitors 3-phase AC current using 0.333 V, 1V, or 5 A CTs
- > Provides a total of 64 measured and calculated data values
- > Communicates data values to on-premises and cloud-based software and services using **built-in software**
- > Includes **cybersecurity features** like account authentication, TLS encryption, device firewall, VPN client, and more
- > Offers **installation options** like Power over Ethernet (PoE) and DIN-rail or panel mounting
- > Operates at -20 to 70 °C. UL Hazardous Locations approved and ATEX compliant



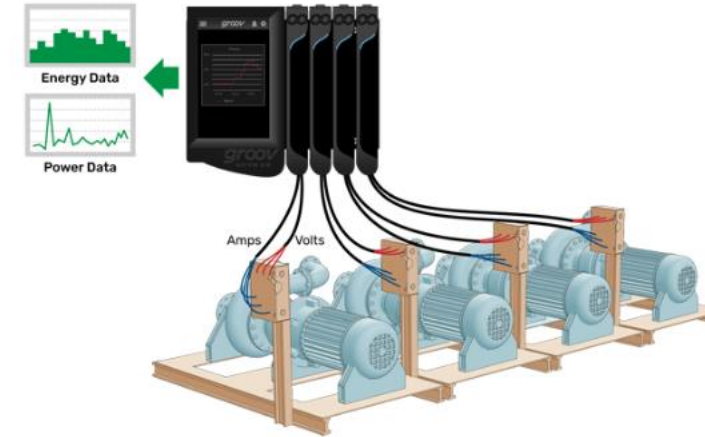
- Scalable MQTT Broker
- Efficient Network Utilization
- Reliable Data Delivery
- Enterprise Data Integration @Scale



- Elastic Clustering
- Real-time Data Monitoring
- Enterprise-grade security
- 100% MQTT Compliant

For the big jobs

For monitoring multiple loads located near each other, and for a complete system including realtime control, choose *groov EPIC* with **power monitoring modules**.



Each power monitoring module:

- > Measures volts AC RMS and amps AC RMS on Category III wye (up to 400 VAC) or delta (up to 600 VAC) circuits
- > Monitors 3-phase AC current using 0.333 V, 1V, or 5 A CTs
- > Provides a total of 64 measured and calculated data values

The *groov EPIC* system includes:

- > Realtime **control with programming options**
- > **Cybersecurity features** like device firewall, account authentication, TLS encryption, VPN client, and more
- > **Included software** for system configuration, control, HMI, and data communications using OT and IT protocols and tools
- > Reliable **Opto 22 I/O** (most guaranteed for life) for just about any field signal you need