



Asset Management Solution: Unified API for monitoring Distributed Energy assets



Empower your Asset Management teams with unified data across multiple OEMs

Monitoring the performance of DER devices is a critical function that enables finance providers to confidently meet underwriting standards and ensure billing accuracy. By connecting application developers to DER devices across the spectrum of manufacturers and technologies, Derapi speeds the deployment of monitoring DER applications.

Solution components:

- **Data API** — Provides harmonized access to devices across multiple vendors and retrieves current and historical performance and interval data.
- **Authorize API** — Accelerates enrollment by collecting participant consent and secure login credentials.
- **Time-series historical data** — Retrieve historical data in monthly, daily, hourly, and sub-hourly intervals
- **Security & privacy protection** — We use only manufacturer-approved integrations and secure, encrypted interactions to work with DER assets. Derapi retains no data after API requests are completed.

Solution benefits:

- Build robust multi-vendor applications in hours, not days, through a single point of integration
- Expand your approved vendor list
- Eliminate time and cost of maintaining APIs for individual OEMs
- Free up your technical resources to develop value-added features
- Flexibility & Scale: Subscription-based pricing models allow you to pay only for the manufacturers, devices, and feature sets you need

Customer Spotlight:

Banyan Infrastructure and Derapi empower Finance teams with asset data from their DERs



Banyan Infrastructure is using Derapi's Data API to:

Integrate device data from solar and storage systems to help finance teams monitor project performance and manage risk.

Enhance visibility of assets like SolarEdge, Enphase, and others for more informed decision-making.

Streamline data access for lenders and developers, improving operational efficiency and reducing manual data collection.

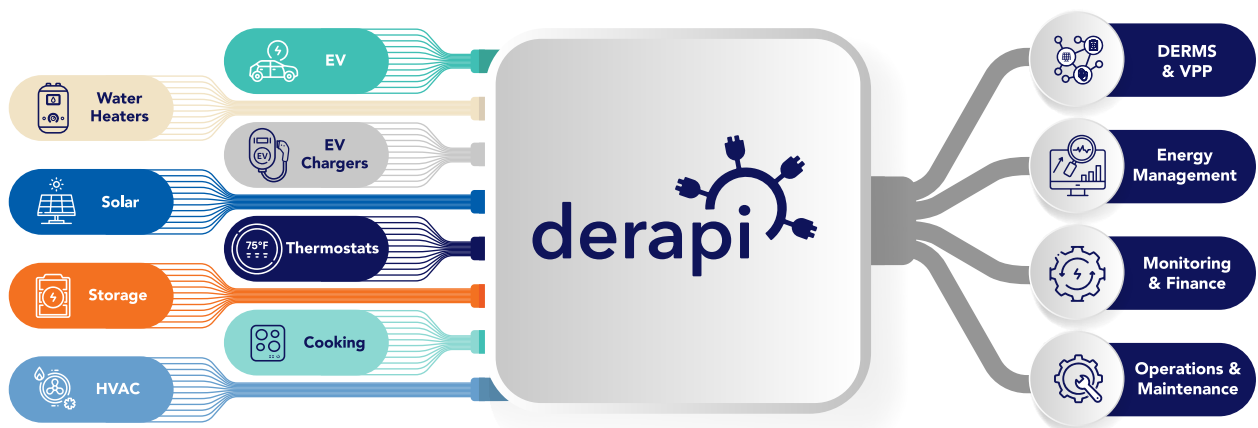


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How it works

Derapi's Data API provides a common interface for all supported DER vendors. All vendor API options are exposed via a common API to make accessing multi-vendor fleets easy. A sample of DERs and data options:



Battery Storage

- Current charge/discharge rate and state of charge
- Time-series historical charge/discharge



Solar PV

- Current production
- Current AC voltage
- Time-series historical production



Book a Free Consultation with a DER Expert

Simplify your data integrations with Derapi. Scan the QR code or go to derapi.com/contact to discover how we can help you speed time to market, reduce costs, and focus resources on your core business.