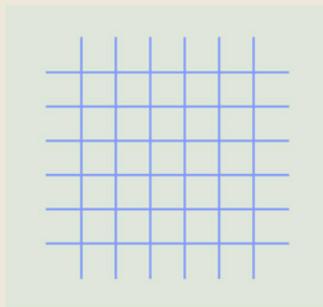
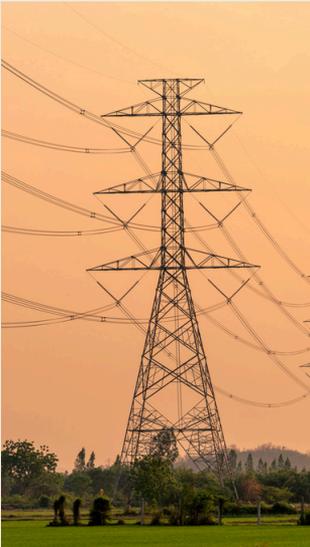


COMMAND THE GRID CONTROL THE FUTURE

Monitoring and Management
for Distributed Power
Generation and Transmission



RADIX[®] 

The Challenge:

Complexity and Reliability in Remote Monitoring

- **High Operational Costs:**

Frequent site visits for checks and minor faults drive up labor and fuel expenses.

- **Disconnected Systems:**

Siloed legacy assets prevent unified monitoring and slow data-driven decisions.

- **Grid Reliability Pressure:**

Unnoticed faults and outages threaten uptime and increase equipment wear.

- **Scaling Modernization:**

Expanding smart grid coverage is difficult without seamless integration and flexible platforms.

- **Remote Site Access:**

Inaccessible locations delay maintenance and complicate rapid response.

The future of energy demands more than just monitoring. It calls for a unified, intelligent approach - one that empowers operators to anticipate, adapt, and lead with confidence. The path to a resilient, high-performing energy future starts with rethinking how we connect it all.



The Solution: mango

Mango by Radix IoT empowers energy companies to monitor and manage their entire electrical infrastructure—from generation sites and substations to remote grid assets—all within a single, intuitive platform. The Mango ecosystem delivers real-time visibility, automated alerts, and remote triage. These capabilities empower you to optimize operations, boost uptime, and accelerate your transition to a more resilient, efficient, and sustainable energy network. Whether modernizing legacy assets or integrating renewables, Mango provides the operational intelligence you need to stay ahead in a rapidly evolving energy landscape.

- **Unify Your Entire Portfolio:**

From solar inverters and wind turbines to batteries, weather stations, and more - Mango connects it all, regardless of vendor or protocol. No need to rip and replace. Just unlock unified, portfolio-wide visibility with what you already have.

- **Remote-First Control & Automation:**

Diagnose faults, reboot devices, fine-tune settings, and launch automated workflows - all from one intelligent platform. Your team can remotely resolve issues before they escalate, slashing truck rolls and keeping uptime high.

- **Effortless Scale:**

Mango's modular, edge plus cloud architecture makes it seamless to expand across sites - new or existing. Grow your operations with confidence, not complexity.

- **Stay Ahead with Real-Time Intelligence:**

Advanced alerts, smart automation, and rule-based actions help you detect problems early and prevent losses. Mango doesn't just monitor - it anticipates.

- **Reporting that Powers Progress:**

Automatically log operational data and generate actionable reporting that support compliance, ESG goals, and performance optimization. No more chasing paperwork - just clear insights that move you forward.



For Distributed Energy Operators

The energy sector is navigating a period of unprecedented complexity, driven by the rapid integration of renewables, electrification, and distributed energy resources alongside aging infrastructure and rising regulatory demands. Utilities must manage a diverse mix of traditional and alternative generation, transmission, and storage assets-often spread across vast, remote regions and built on disparate legacy systems. The shift toward a more decentralized grid introduces new operational challenges: fluctuating supply and demand, increased data volumes, and the need for real-time visibility and control to ensure reliability, efficiency, and compliance.

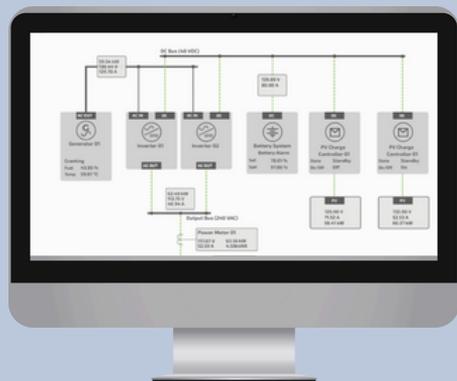


**Built to solve
challenges.**



Mango is purpose-built to meet this moment. It's a deeply intuitive, vendor-neutral platform that brings real-time monitoring, remote control, and intelligent automation into one seamless system. Whether you're overseeing a single site or a global fleet, Mango unifies your entire energy ecosystem - no matter the manufacturer or protocol. It's the smart, scalable foundation that empowers operators to lead with clarity, control, and confidence.

The Trusted Solution: Unified, Manufacturer- Agnostic Utility Management from Radix IoT



Multi-System Integration



Mango speaks every language - Modbus, SNMP, BACnet, OPC, APIs, and more - connecting your entire infrastructure into one cohesive, streamlined view.

Remote - First Operations



From anywhere, your team can diagnose faults, control devices, and automate responses in real time - no truck rolls, no delays, just action.

Portfolio - Wide Visibility



Whether you're running 5 sites or 500, Mango lets you manage, standardize, and scale from a single, cloud-ready platform.

Actionable Intelligence



Set performance thresholds, surface hidden trends, and get smart alerts that help you optimize output and reduce downtime - before it impacts your bottom line.

Faster Deployment, Lower Overhead



Lightweight, edge-enabled, and built for speed - Mango adapts to your stack without disruption, so you can scale with confidence.

mango Quantifiable ROI

Radix IoT shifts utilities from reactive maintenance to predictive operations, delivering measurable ROI. Centralized visibility enables benchmarking, anomaly detection, and prioritization of critical alerts-such as transformer faults, power quality issues, security, and environmental alarms-before they escalate.

Increase Uptime Performance by Up to 61%

Remote diagnostics + proactive maintenance = more uptime, fewer surprises, and a smarter, more resilient infrastructure.

Cut On-Site Labor Time by 22%

Predictive insights help your team act faster and fix issues sooner - reducing time-to-repair and keeping operations moving.

Reduce Truck Rolls by 38%

With remote insight and triage, you can eliminate nearly 4 out of 10 emergency site visits.

Simplify Scalability by 86% Reduction in Field Labor

Deploy to remote sites using your existing telemetry. No rip-and-replace. Just faster commissioning and effortless scaling.



mango Driving ROI



Radix IoT is the definitive solution for electric power utilities seeking to maximize ROI across traditional generation, renewables, transmission, and storage. By unifying real-time monitoring of existing systems through its Mango platform, Radix IoT eliminates the inefficiencies of manual site checks and fragmented legacy monitoring and reporting solutions. Utilities gain centralized oversight of substations, power plants, and distributed assets-regardless of manufacturer or system age-enabling actionable alerts, automated reporting, and seamless integration with both modern and legacy infrastructure. This unified approach reduces operating expenses, accelerates response times, and empowers teams to proactively address issues before they escalate.

Measurable System Gains

- **Inverter Delivery Metering**
- **Security Monitoring**
- **INOP Notification**
- **Fault and Outage Detection**
- **Centralized Alarming**
- **Utility Metering Integration**
- **Remote Diagnostics Consolidation**
- **Compliance Reporting & Historical Analysis**

Whether optimizing traditional grid operations, managing complex renewable portfolios, or supporting large-scale transmission and storage, Radix IoT delivers the data-driven insights and automation needed for predictive maintenance, improved reliability, and scalable modernization-all while supporting regulatory and ESG goals.

Smarter Energy Starts with Smarter Operations

Unlock the full potential of your Distributed Energy Infrastructure



Ready to streamline your operations? Discover how Mango by Radix IoT can boost uptime, cut costs, and scale your portfolio - contact us for a demo today.

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