



Appian for Energy

Asset management.

Asset performance is critical to achieving operational excellence. Energy organizations often rely on manual processes and spreadsheet tracking, limiting enterprise-wide visibility across high priority assets including equipment, machinery, vehicles, refineries, and plants. Impaired insight and control over critical assets impacts performance, production, service delivery—and the bottom line.

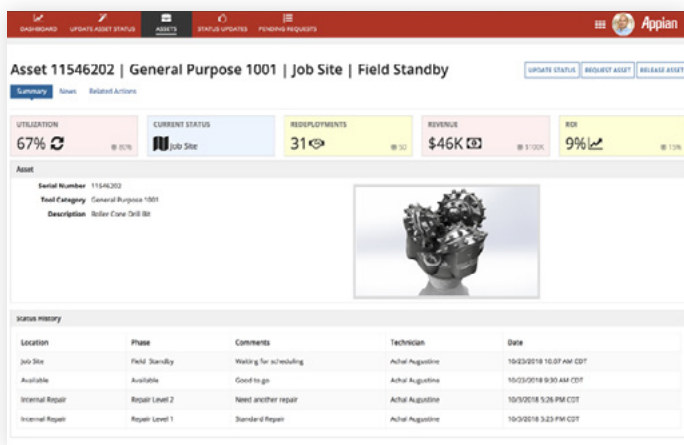
Digital technologies are enabling energy organizations to monitor assets in real time. By automating critical workflows and better leveraging asset data, organizations are improving frontline operations and decisioning to realize greater business outcomes.

Improve execution across the asset life cycle.

Appian provides a platform to deliver enterprise business applications, faster. Achieve a single view of assets while improving process management—to realize more value at every asset phase.

- Streamline asset management processes across planning, acquisition, maintenance, expenditure, and disposal.
- Intelligent 360-degree view of assets, providing insight into location, history, utilization, project statuses, revenue, and more.
- Provide asset tracking and reporting of critical information to stakeholders for demand planning, revenue forecasting, and continuous improvement.
- Mobile-enable your frontline workforce with real-time, integrated mobile apps to capture asset pictures, geolocations, customer signatures, work orders, and documentation.
- Coordinate field resources and tools, including tracking asset condition, vehicle and equipment maintenance, licensing, insurance, and inspections.
- Extend and connect existing systems, including SAP, Primavera, Maximo, and maintenance management systems.

- Deliver mobile-enabled applications to improve asset tracking and field operations.
- Digitize manual and paper processes to leverage asset, field, and project data.
- Increase enterprise visibility and continuous improvement with real-time asset reporting.
- Realize more value from assets by improving utilization, performance, and auditability.



Focus.

Take a proactive, automated approach to effectively managing assets:

- Streamline the end-to-end asset lifecycle from planning to decommission.
- Improve asset utilization and performance to reduce downtime, improve cycle times, and increase production.
- Accelerate decision cycles, stakeholder visibility, and SLA adherence around high priority assets.
- Improve collaboration between internal departments, vendors, and contractors.
- Increase safety and compliance around laws and regulations.

Take control.

Quickly build, deploy, and scale new enterprise applications across operations, including:

- Field service management.
- Turnaround execution.
- Supply chain management.
- Inventory and equipment management.
- Vendor and Contractor management.
- Fleet management.
- Maintenance management.
- Field site inspections.
- Incident management.

Prepare for the future.

Optimizing asset management leads to improved performance—and, in turn, business growth and impact. It takes speed and power to transform asset management. The Appian Low-Code Platform provides both, while leveraging your current IT investments.

With Appian, organizations can build web and mobile apps faster, run them on the Appian cloud, and manage complex processes end-to-end, without limitations.

Leading Canadian oil producer.

Transformed asset management processes to reduce cycle times from 192 days to 50 days, leading to faster time to production and increased capacity to drill more wells—realizing \$22 million of netback new revenue and \$15 million annual cost savings.

EDP renewables.

Automated how turbine repairs are prioritized by factoring in real-time location-specific weather, issue severity, wind patterns, and energy pricing information—leading to \$100 million worth of turbine issue solutions captured in nine months.

For more information, visit appian.com/energy.