

Asset & Field Service

AI-Powered Asset Performance & Field Workforce Intelligence for Modern Utilities

Utilities today face unprecedented pressure to improve asset reliability, optimise field workforce productivity, and reduce maintenance costs all while managing aging infrastructure and growing operational complexity.

Impresa Asset & Field Services is an enterprise AI-powered platform that unifies asset intelligence, field service management, digital inspections, predictive maintenance, and Generative AI. By converting fragmented data into actionable intelligence, Impresa enables utilities to make smarter maintenance decisions and ensure flawless service reliability.

Key Features

- Work Order & Field Intelligence
- Field Service Optimization
- Asset Inspection Intelligence
- Reliability Intelligence
- Predictive Maintenance Intelligence
- Asset Health & Condition Monitoring
- Workforce Productivity Intelligence
- Digital Field Operations
- Mobile Workforce Management
- AI-Powered Dispatch & Scheduling
- GenAI Assistant
- Autonomous Field Operations



Industry Challenges

Utilities face increasing pressure to maintain aging infrastructure, improve workforce productivity, reduce operational costs, and deliver reliable services. Traditional maintenance processes, manual inspections, and disconnected enterprise systems often limit operational visibility and delay critical decision-making.



Aging and geographically distributed utility assets



Inefficient work order and field service execution



Manual, paper-based inspection processes



Reactive maintenance leading to unplanned failures



Limited visibility into asset health and workforce performance



Increasing regulatory and service-level compliance requirements

Learn More
To schedule a live demo or find out more information,
visit www.impresa.ai or call +1-281-794-5700

AI Powered Core Intelligence Capabilities



Business Benefits

15-20%
Field efficiency improvement

25%
Increase in workforce productivity

20%
Reduction in maintenance costs

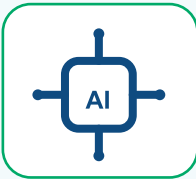
40%
Faster incident resolution

- Improve Asset Reliability
- Reduce Maintenance costs
- Increase Workforce productivity
- Improve Operational Visibility



Predictive Analytics

Failure Prediction, Remaining Useful Life (RUL), Predictive Maintenance, Asset Health Scoring, Maintenance Recommendations.



Generative AI

AI Technician Copilot, Conversational Knowledge Assistant, Natural Language Search, Automated Work Order Summaries, Intelligent Troubleshooting Guidance.

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Supported Utility Use Cases



Asset Management

Preventive Maintenance, Predictive Maintenance, Condition-Based Maintenance, Asset Lifecycle Management, Asset Health Monitoring



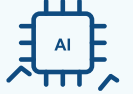
Inspection & Reliability

Transformer Inspection, Substation Inspection, Pole Inspection, Distribution Line Inspection, Asset Risk Assessment



Field Workforce Management

Work Order Execution, Crew Dispatch, Technician Productivity, Field Resource Optimization, Emergency Response Management



AI-Powered Operations

AI Technician Assistance, Intelligent Maintenance Planning, Digital Inspection Automation, Predictive Workforce Planning, Knowledge-Driven Field Operations

Related Products

- Grid Intelligence
- Smart Meter Intelligence
- Transformer Load Monitoring
- Outage Intelligence
- Revenue Intelligence
- Customer Intelligence
- Sustainability Intelligence
- Impresa Meter Data Hub
- Impresa Language Model

Modern Enterprise Platform

 Cloud Native Architecture

 AI-Powered Analytics

 Open APIs

 Event-Driven Integration

 Enterprise Security

 Mobile-First Experience

 High Availability

 Scalable for Millions of Assets

Why Utilities Choose Impresa

Compatible with leading utility enterprise systems including:



Purpose-built for utility asset & field operations



AI-driven maintenance and inspection intelligence



End-to-end visibility across assets and workforce



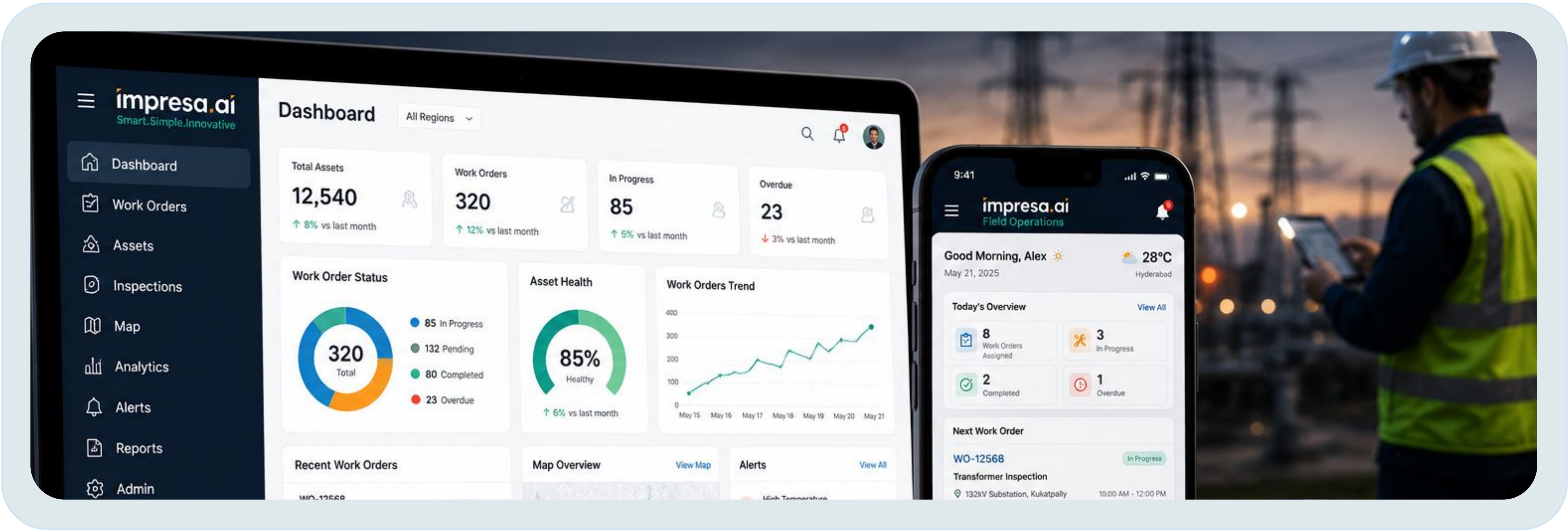
Faster implementation with utility accelerators



Open, scalable, enterprise-ready architecture



Designed for future autonomous field operations



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