Field Engineering App

Empowering field teams with smart, offline-ready work execution

Seamless fieldwork, anytime, anywhere work execution

The On Key Plus Field Engineering app streamlines work order management for contractors with online and offline functionality, automated workflows, and realtime tracking.

Key features include digital safety forms, smart asset validation, instant task completion, and automated labour tracking. Contractors can also manage requisitions, spare parts, quotes, and invoices, ensuring financial accuracy and compliance.

The portal is designed for seamless operation in any environment and enhances productivity and asset reliability.

A smarter way to execute work orders

The Field Engineer Application (FEA) is designed for technicians, engineers, and asset managers to handle work execution seamlessly, ensuring uninterrupted productivity in any environment.

Key features

Technology

The Field Engineer Application integrates with:

► Progressive web app (PWA): The app is downloaded using a URL and updated automatically without the need to access an App Store.
► On Key EAMS for work order synchronisation.
► Microsoft Azure Active Directory for secure authentication.
► QR code and barcode scanning for fast asset identification.
► AWS cloud hosting ensures secure, reliable performance.
► Customisable electronic forms for safety, compliance, and operational reporting.

Customisable electronic forms – tailored to your needs

► Risk assessments and work permits: Digitise safety procedures to ensure regulatory compliance and worker protection.
► Job safety analysis (JSA): Before starting work, capture safety precautions and hazards.
► Pre-start and inspection checklists: Ensure assets and equipment are fit for use before work begins.
► Incident and hazard reporting: Report workplace incidents directly from the field.
► Digital sign-offs and approvals: Customise multi-step approval workflows with electronic signatures.

Your concerns addressed

► Connectivity challenges in remote locations with limited access to realtime data and work order updates.
► Lack of offline functionality leading to work disruptions when operating without internet access.
► Delays due to manual task tracking and inefficient processes slowing down work completion.
► No realtime visibility of work orders, leading to difficulty in monitoring progress and responding to issues.
► Limited labour transparency and challenges in tracking workforce activities and time logs.
► Missed spare parts and stock shortages, resulting in ineffective inventory management, causing delays.
► Compliance risks: Manual processes for safety checks and permits increase the risk of non-compliance.

Reaping the benefits

► Work anywhere, anytime – stay productive in any environment with a fully functional offline mode. View tasks, track labour, and capture feedback, even without internet access.
► Effortless data syncing with no more data loss or delays. Work confidently in low-connectivity areas, knowing your updates will sync automatically when online.
► Simplified compliance and safety. Meet regulatory requirements with ease using digital risk assessments, job safety analysis, and site-specific checklists.
► Instant spare parts and requisitions: Avoid downtime with mobile-enabled spares management, and order and track parts directly from the field.

ON KEY

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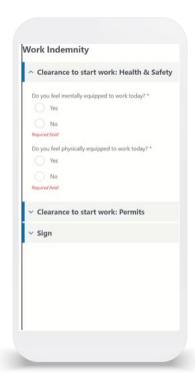## Empowering field teams with smart, offline-ready work execution

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Effortless work execution – online or offline

- ► Seamless offline capability: Complete work orders even in remote locations without connectivity. Data syncs automatically to On Key EAMS when back online.

- ► Customisable digital forms for compliance: Ensure regulatory adherence with tailored digital forms for risk assessments, safety checks, and operational needs.

- ► Realtime work order tracking: Keep operations on track with automatic syncing and instant visibility when back online.

- ► In-depth failure analysis: Log breakdowns in realtime to identify recurring issues and improve asset reliability.

- ► Smart asset validation: Ensure accuracy by scanning assets before starting or stopping work orders, confirming proximity and minimising errors.

- ► Instant task completion: Mark work order tasks as complete with a simple tap, streamlining execution and reporting.

- ► Efficient labour tracking: Automatically log active work hours. Add extra labour seamlessly via lookups or offline QR code scanning.

User interface

Work Indemnity

Work in progress

Work paused

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Application benefits in every industry

Manufacturing

- ▶ Rapid work order execution and realtime tracking reduce production disruptions.
- ▶ Digital forms streamline safety inspections, risk assessments, and work permits.
- ▶ Integrated requisitioning prevents stock shortages and delays.
- ▶ Monitor workforce activity and job completion with minimal manual input.

Facilities and Retail

- ▶ Assign, track, and validate maintenance work with realtime updates.
- ▶ Mobile-enabled work orders ensure faster issue resolution and service delivery.
- ▶ Digital safety checklists and job approvals ensure adherence to regulations.
- ▶ Instantly convert quotes to invoices and validate costs with automated checks.

Mining and Minerals

- ▶ Full offline functionality ensures uninterrupted work execution.
- ▶ Automated labour tracking provides realtime insights into workforce activities.
- ▶ Log failures, analyse root causes, and implement preventive actions.
- ▶ Digital pre-start checklists, hazard reporting, and risk assessments reduce operational risks.

Oil and Gas

- ▶ Standardise maintenance across multiple sites with centrally managed work orders and contractor activities across retail networks.
- ▶ Ensure regulatory compliance with digital safety forms and automated approvals support strict industry regulations.
- ▶ Efficient spare parts management with integrated requisitioning ensures critical components are available when needed.

Utilities

- ▶ Enable field teams to work anywhere in the offline mode
- ▶ Smart QR code scanning ensures accurate asset identification and maintenance records.
- ▶ Improve response times for service disruptions with realtime tracking and work order prioritisation.
- ▶ Ensure regulatory compliance with digitised risk assessments and safety checklists that help meet industry standards.

Transport and Logistics

- ▶ Utilise GPS-linked requests for faster issue resolution.
- ▶ Improve work execution in remote depots with offline functionality
- ▶ Automated labour tracking and digital forms ensure smooth work order execution.
- ▶ Pre-start and inspection checklists support vehicle and equipment safety regulations.