FYLD work execution platform
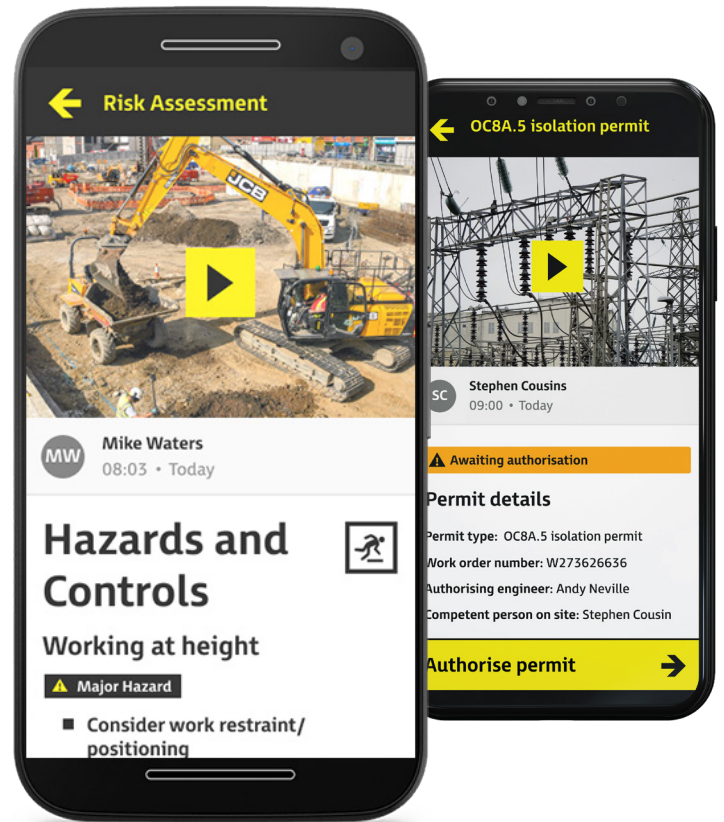## Executive summary

February 2025

FYLD

Introduction

As safety and operational efficiency continue to escalate as top priorities for energy companies across the EU, FYLD provides an **AI-powered work execution platform** that transforms how frontline teams operate. By leveraging **predictive analytics, real-time risk assessment, and workflow automation**, FYLD enables organizations to **reduce incidents, improve productivity, and enhance compliance** in hazardous work environments.

This document provides an overview of FYLD's value proposition, key capabilities, and business impact, equipping you with the insights needed to introduce FYLD to energy customers focused on health, safety, and operational excellence.

Why FYLD?
Addressing industry challenges in energy & utilities

Energy companies face increasing complexity in field operations, driven by regulatory requirements, workforce safety risks, and operational inefficiencies. Traditional processes often rely on manual inspections, reactive safety protocols, and disconnected systems, leading to:

- **High incident rates** due to limited real-time risk visibility.
- **Inefficient workflows** with delays in work execution and approvals.
- **Compliance burdens** from manual reporting and auditing.
- **Technology fragmentation**, with siloed data across different systems.

FYLD solves these challenges by digitizing field operations and embedding AI-driven intelligence into work execution.

How FYLD works: AI-powered work execution

FYLD is more than just a digital reporting tool -it is an agentic AI platform that actively assesses risks, recommends actions, and streamlines decision-making for frontline teams.

Remote field visibility & AI-powered risk detection

- **AI-driven video risk assessments (VRAs)** to detect hazards in real time.
- **Live site visibility** for supervisors and managers, reducing unnecessary site visits.
- **Automated safety alerts** to prevent incidents before they occur.

Predictive intelligence for proactive decision-making

- **Risk forecasting algorithms** to anticipate safety hazards and operational delays.
- **Machine learning-powered insights** to optimize resource allocation.
- **Automated reporting** to streamline regulatory compliance.

Workflow automation & efficiency

- **Smart digital workflows** to eliminate paperwork and manual approvals.
- **Automated compliance tracking**, ensuring audit readiness.
- **Integration with SAP, IBM Maximo, and IoT sensors** for seamless data flow.

Connected workforce & seamless collaboration

- **Real-time communication tools** connecting field teams, supervisors, and leadership.
- **Role-based dashboards** offering personalized insights for each stakeholder.
- **Digital audit trails** ensuring full transparency in field operations.

FYLD's unique capabilities

FYLD distinguishes itself through its innovative, real-time, AI-driven risk detection capabilities. Unlike traditional safety tools that rely on historical data and predictive models, FYLD leverages live field data—including video and audio inputs—to proactively identify hazards and enable immediate interventions. Key features include:

- **Real-time hazard detection:**
  FYLD captures live video, audio, and sensor data from field teams, allowing for dynamic risk assessment and instant feedback.

- **Elimination of paperwork**:
  FYLD replaces cumbersome paper-based risk assessments with streamlined, digital processes, significantly reducing delays.

- **Proactive safety interventions:**
  field teams are empowered with ai-driven insights that mitigate risks before they escalate.

- **Immediate remote intervention**:
  managers gain live remote visibility into worksites, enabling them to intervene in real time when safety risks arise.

These capabilities are not matched by any other platform currently available in the market.

Proven business impact: measurable ROI

Business outcomes from FYLD deployments.
Across energy and infrastructure customers, FYLD has delivered:

15–25%

reduction in downtime through proactive issue resolution

20%

reduction in downtime through proactive issue resolution

48%

reduction in safety incidents and injuries via AI-powered risk assessments increasing visibility between remote fieldworker and management.

$1.8M+

in cost savings through automation of field operations.

100%

subcontractor compliance to risk analysis completion and submission

When capacity, speed, safety, compliance and quality are optimised, substantial productivity gains follows

Case study: AI-driven work execution in energy & utilities

Challenge:
A major energy provider struggled with **limited workforce visibility, compliance challenges, and inefficient work execution.**

FYLD's Solution:
- **Deployed AI-powered risk detection** to enhance frontline safety.
- **Automated workflows & compliance reporting**, reducing administrative workload.
- **Enabled real-time remote monitoring**, minimizing the need for unnecessary site visits.

Results:

8%

increase in workforce productivity through optimized decision-making.

6000+

manager hours saved with digital workflows.

1.4

day reduction in repair times, minimizing downtime and service disruptions.

Seamless implementation & enterprise-ready integration

Structured Deployment Approach
FYLD ensures rapid adoption with minimal operational disruption:

- **Phase 1: Discovery & Configuration** Align FYLD with existing processes and systems.

- **Phase 2: Proof of Value (PoV) Pilot** Deploy in a controlled environment to validate impact.

- **Phase 3: Full-Scale Rollout** Expand across field teams, backed by training and change management.

- **Phase 4: Continuous Optimization** Enhance AI models and workflows based on real-world data.

Enterprise-grade technology and security

- **Cloud-native architecture** (AWS & GCP) ensures scalability.
- **Seamless API integrations** with work scheduling and asset magenta systems such as SAP, IBM Maximo, Salesforce, ProCore and IoT platforms.
- **Compliance** with ISO 27001, SOC 2, and GDPR via automated monitoring.
- **AI-powered analytics** leveraging machine learning, computer vision, and NLP.

Strategic Alignment for Energy Customers

With increasing focus on **health, safety, and operational efficiency,** FYLD enables energy companies to:

- ✔ **Achieve higher safety standards** through AI-powered risk prevention.
- ✔ **Increase operational efficiency** by digitizing field execution.
- ✔ **Ensure compliance readiness** with automated reporting and audit trails.
- ✔ **Reduce costs & downtime** by streamlining workflows and proactive issue resolution

Next steps and engagement opportunities

We invite energy companies to explore how FYLD can help them:
- **Identify key safety & operational challenges** through a discovery session.
- **Run a Proof of Value (PoV) pilot** to assess FYLD's real-world impact.
- **Integrate FYLD into existing systems** to scale AI-driven field execution.

By positioning FYLD as a **strategic AI partner** for the energy industry, you can introduce a transformative solution that directly addresses the safety, quality and productivity efficiency priorities of your customers.

Would you like to discuss specific customer opportunities and pilot deployments? Let's connect.

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