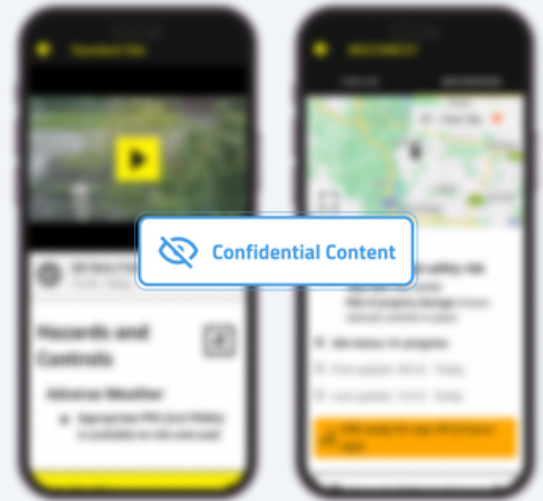


RabIT Solutions CASE STUDY

AI-Powered Field Work Management Platform



Challenges

Accelerate **cross-platform product** delivery while improving reliability and enabling offline field workflows and clear AI-driven risk insights.

What we delivered

Since 2020, we've provided **long-term frontend development and quality assurance** for FYLD's production field-work platform — supporting daily workflows, reporting and job administration, including AI-based risk assessment and workforce load management — while delivering an offline-capable mobile experience, keeping the platform production-stable, and accelerating feature delivery.

Key Capabilities Delivered

- Job Management
- Workflow & To-Do
- Forms (Offline)
- VRA (Video Recognition AI)
- Ask FYLD AI (in-app AI chat)
- Fatigue Manager (Workforce load management)
- Command Centre (Operations oversight)
- Admin Tools



RESULTS

- ✓ Streamlined field workflows and reduced admin overhead via **on-device forms and media sync.**
- ✓ Improved safety and compliance with faster risk detection through **VRA.**
- ✓ Faster reporting and decision-making through **Ask FYLD AI** and Insights dashboards.
- ✓ Reliable operations in low-connectivity environments via **offline-first design.**
- ✓ Sustained production stability through continuous **QA + support.**

Technical appendix

- **Languages:** English, Spanish
- **Frontend:** React (web), React Native (mobile), Redux | Native components in iOS (Swift) and Android (Kotlin)
- **Integrations/modules:** Google Maps | VRA (Video Recognition AI) | Ask FYLD AI (AI chat for database queries/summaries/charts)
- **Testing:** Automated + manual QA, regression handling, production bug fixes
- **Delivery process:** PRs, code reviews, staging and release processes | Codebase hosted in client's UK repository
- **Notable functional areas:** Permits with audit trail, insights/statistics, admin tooling, offline support, media playback/uploads, job archival (not deletion)

[For more case studies click here](#)