

Overview:

A construction management organisation managing a five + five-year programme (reward and follow on) in the West Midlands to replace the aging, gas distribution cast iron mains with new polyethylene pipes.

Company size: 450+ employees

Industry: Gas Distribution

+430K expected annual savings

80% faster risk assessments

2400+

fieldworker hours back on the tools each year

FYLD & Trinity

increasing productivity through remote management

The challenge

Trinity is responsible for delivering a West Midlands-based works programme for Cadent, the UK's largest gas distribution network, with Local Delivery Partners (LDPs) reporting directly to Cadent.

Trinity is replacing the gas distribution mains network over a 10-year period and is set to replace 3,400km of gas mains pipes. The project highlighted several challenges which are typical of managing large programmes and large remote workforces indirectly, including:

- Difficulty integrating with old third party IT systems and traditional digital and manual processes that could benefit from innovation.
- Lengthy paper-based risk assessments, with point-of-work risk assessment taking on average 15-20 minutes.
- Lack of transparency in field crew start times, impacting on scheduling and productivity.
- Absence of tools to evidence job sites, prove compliance and contest fines.
- Lack of site visibility for remote supervisors which created delays, making it difficult to prioritise sites and spot job blockers in advance.

Trinity needed an innovative and flexible solution that would integrate into Cadent's existing systems to increase fieldworker performance, productivity and safety.



FYLD's impact

An initial trial of 20 users was so successful it saw FYLD rolled out to over 130 fieldworkers. This second, larger trial yielded substantial value by facilitating real-time, proactive engagement for remote supervisors and saving fieldworker time. Benefits included:

- Average risk assessment taking just three minutes, saving 1272 fieldworker hours during the six-month trial.
- Timestamped VRAs which gave remote managers visibility of start/ finish times, leading to a 12.5% productivity gain.
- Compliance assurance through easy-to-use site evidencing tools, which helped to defend fines and customer complaints (Trinity is now targeting a 50% reduction in fines thanks to FYLD).
- Flexible, accurate and effective management of field force teams, with FYLD rated 4.8/5 by LDPs for app usability.
- Establishment of an efficient, sustainable, remote working system.
- Positive impact on culture, with workers rewarded for delivering on contractual obligations based on evidence.

Proven impacts

Real time visibility

- 1500+ VRAs completed and reviewed by remote supervisors in real-time.
- 1330+ job wrap-ups completed to evidence sites and prevent fines.



Increased productivity

- 1272 fieldworker hours back on the tools.
- 12.5% productivity uplift.
- 15% increase in completed jobs.

Safer operations



- 5008 hazards identified and avoided.
- Reduced need for travel.
- Reduction in CO2 emissions, aligning with Trinity and Cadent's strong environmental values.

Estimated deployment benefits for one year – £430,463



FYLD is a game changer for the way field teams work. I can intervene quickly if site conditions need to be addressed and provide advice to support productivity, as well as health and safety matters."

Carl Harris

Site Manager, Trinity



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