



Cadent Gas, UK's largest gas distribution network boosts proactive safety and right first time quality and compliance in street works with Vyntelligence

The Challenge

Improve safety culture in street works across distributed sites and ensure right first time quality

1. Need to consistently monitor different contractor teams across 1000s of sites
2. High cost of street works penalties and inspection costs
3. Need for a faster, more robust method to fix site issues and ensure public and worker safety
4. Need to improve customer and community satisfaction levels

The Outcome

Best performing gas network area in the UK for street works safety and customer satisfaction

68% reduction

in non-compliance fines in year 1 and 82% reduction in year 2

Substantial cost savings

from a reduction in street works inspections

20% productivity gain

with AI proactively flagging safety issues, such as ensuring barriers around excavators

The Solution

Proactive safety and right first time quality and compliance with video and AI-powered self-audit



Contractors in the field record a short guided video, known as a Vyn, at the start and end of each day, showing and talking about site conditions, hazards identified, and safety measures. From Day 1, this has built a self-audit culture, in describing what they see, self-corrections become second nature, knowing they can be reviewed easily by others.

The audio-visual data serves as compliance evidence, as well as a coaching tool. Reviewed remotely by Cadent, near real-time, comprehensive visibility of distributed sites eliminates the need for time-consuming site visits. Management now monitors and controls site conditions remotely, alerting users (and their management) of issues to be resolved proactively.

Vyn's AI scans the audio and video for compliance with regulations such as correct signage and safe site conditions. When it detects issues, like missing signs, it instantly flags them to the site worker and to the management team. Contractors no longer have to revisit sites to fix issues as they are proactively flagged and fixed while they are still on the site. All contractors use the Vyn platform for reporting, simplifying how Cadent oversees their work and measures their efficiency.

“Vyn has been revolutionary for safety. For the first time, we can get a video from the team working on the site and see what the site looks like and if there are any issues, we can proactively fix them.

Today, we are the best performing network because we are picking up issues and correcting them before we get a charge.”

William Bessa-Simons
Senior Delivery Support Manager
Cadent Gas

