

Video and AI-enabled inspections avoid 5x more potential safety incidents



Multinational energy company

partnered with Vyntelligence to enable a self assessment and remote assurance capability for vehicle checks

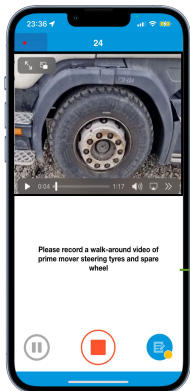
The Challenge

Build a proactive safety culture with self assessment and create an auditable & searchable asset knowledge bank

Our client, an energy multinational, wanted to standardise their vehicle inspection process and create an immutable auditable history on inspection data.

They wanted better insight on commonly recurring faults and use AI to automatically identify defects that the auditor might fail to notice.

Finally, they wanted auditors to be situationally aware while conducting vehicle inspections to ensure that vehicles were safe to go out on the road and thus avoid safety incidents.



Auditors capture audio-visual data on their smartphones by responding to the question on-screen, helping build better situational awareness.

A mobile-first solution, Vyn doesn't require any additional hardware.

*"With Vyn we were able to identify faults as part of the POC. Vyn **picked up safety issues** and helped us stop vehicles from going out on the road, **avoiding potential incidents.**"*

Digital Innovations Manager

The Solution

Vyn SmartVideoNotes delivered video vehicle inspections & remote assurance


Vyntelligence simplified vehicle inspections using short, guided videos and dynamic checklists.

Easy and quick to configure storyboards/inspection workflows with Vyn's zero-code platform, the mobile-first solution was up and running in 3 weeks.

Vyn's AI analysers and classifiers, built on computer vision and speech processing auto-identified potential defects based on video data.


Asynchronous (two-way) collaboration with image annotations, scene re-creation and a searchable library enabled remote experts to make faster decisions.

The Outcome: Proactive and situationally aware auditors identify 5x more potentially fatal incidents in 6 weeks of testing Vyn SmartVideoNotes




New remote assurance capability

Early KPI visibility and action-oriented dashboards enable faster remote reviews and management intervention.




360 visibility for every vehicle

Immutable, auditable asset record of every inspection, detailing condition & faults backed with video evidence.



Real-time data insights

AI-driven alerts of non-conformance and insights on common faults enable faster response and avoid safety incidents.

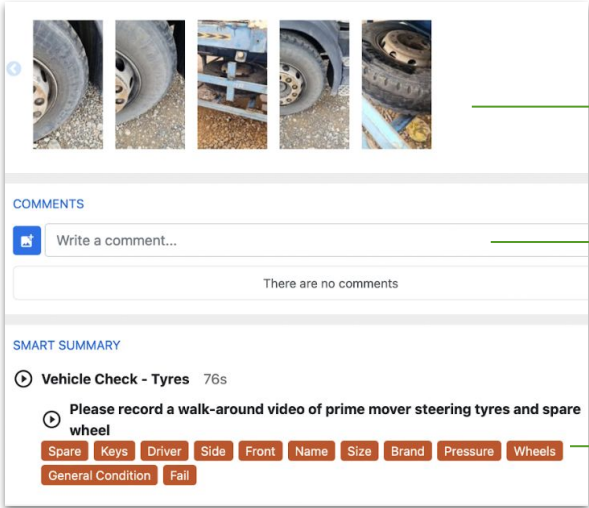


Proactive safety culture built

Show and tell descriptions using video increase auditor's situational awareness to spot issues that could have been missed.

Key Success Factors

- Leadership commitment and support to reimagine businesses processes
- Inclusive approach and stakeholder alignment between advocates, supporters or implementors
- Innovation lab approach ensured new ideas tested within tight control on scope, delivering results sprint by sprint
- Simple to deploy the technology to field teams remotely
- Customisable technology tailored to suit business needs



Automated image frames generated to support easier audits of critical components

Collaborate in real time for a dynamic audit trail

Vyn Speech AI from short videos indexed for a searchable knowledge base

About Vyntelligence

Vyntelligence provides category-defining digital solutions for transforming complex analog work. It gets the work done - simply, quickly, and effectively. We empower your frontline workers, customers and back-office personnel to make faster decisions remotely using smart data capture and AI-powered insights using our pioneering SmartVideoNotes. Our patented AI-driven technology is designed to enable businesses to rapidly deploy new and differentiated solutions with an eye for outcomes.

Want to find out how Vyntelligence can help?
hello@vyntelligence.com

Capture. Connect. Close the loop.