



## AI-Human centric decision support

VARDR combines cutting edge AI & Machine Vision software to transform the turnaround and related ground handling processes. By using video surveillance on the stand.

## Real-time monitoring with AI-analytic

Continuous surveillance and analytics of turnaround and the ground handling operations, with instant alerts and notifications.

## Enhanced Safety

Detection of potential hazards and automated compliance monitoring of workflow, safety and HSE factors.

## Operational Efficiency

Continuous updating gate TOBT (Target Off-Block Time), optimize gate allocation, improving airline OPT (On Time Performance).

VARDR utilizes state-of-the-art computer vision algorithms and AI models to provide unprecedented insights into your daily airport operations. Our system learns and adapts to each airport's specific environment, continuously improving its accuracy and effectiveness

# VARDR Analytic

Data-driven insights for smarter, more efficient airport operations.

## Unlock Operational Intelligence

Our Analytics platform aggregates data from video-based surveillance at the gate. Providing a comprehensive view of the whole turnaround workflow. Identify bottlenecks, optimize resource allocation, and make informed decisions based on real-time data.

- Generating timestamps on all major turnaround processes
- Checking for equipment misplaced inside the ERA lines before the aircraft is parking
- Constantly updating estimated TOBT for the relevant gates.



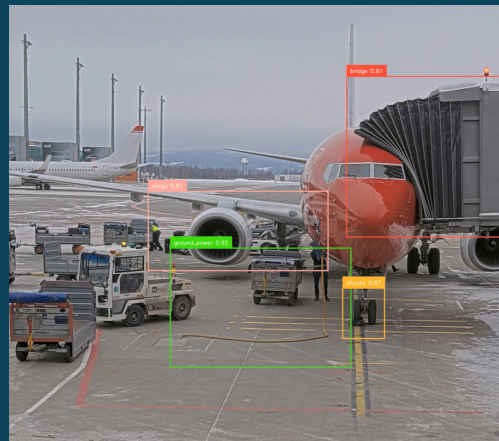
# VARDR Safety Insight

Combining reactive, proactive and predictive safety management through AI assisted monitoring and reporting

## AI assisted Compliance & Safety

Safety is paramount in aviation. Our Safety Insight solution automates the detection and reporting of safety incidents and near misses. By continuously monitoring compliance with safety protocols, we help you identify risks before they become incidents.

- Documenting the whole turnaround process (fueling, passengers, cargo etc) when aircraft is parked at the stand.
- To look for violations related to ground support equipment.
- Monitoring whether the turnaround processes are followed.
- Generate a online report that identifies both the soft (minor) and hard (major) incidents.





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Updated:  
13.03.26

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