



# T-Pulse for Workplace Inspections

The Key to Building a Safe, Resilient, and Productive Refinery Ecosystem in an Increasingly Competitive Scenario.





Failing to effectively maintain industrial assets is very dangerous from a safety and productivity point of view. It can lead to:

Asset Degradation

Reduced Efficiency

Environmental Damages

Industrial Accidents

Increased Downtimes

Equipment Malfunctions

Increased Repair Costs

## Ensure Safe, Compliant, and Efficient Equipment Utilization with T-Pulse™

Identify and fix indications of compromise with T-Pulse, before they result in major, costly breakdowns.

T-Pulse ensures seamless continuity of operations by monitoring process-critical variables and tracking anomalies.

T-Pulse's AI models continuously monitor industrial assets through visual and sensory IoT sources to deliver insights into the actual condition of the equipment.

## Automate and Streamline Workplace Inspections with T-Pulse's AI Assistants



### Predictive Maintenance

Monitor thousands of disparate assets & segregate anomalies.



### Personnel Safety

Visibility into the overall health and performance of IT assets.



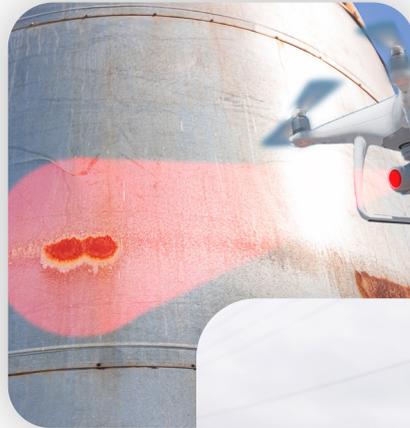
### Process Efficiency

Identify warning signs, pinpoint faults, and predict electrical outages.



### Pipeline Assistant

Comprehensive insight into pipeline risks & impending failures.



## Why T-Pulse - Workplace Inspections?

- ▶ **Intelligent:** Pre-Trained Algorithms
- ▶ **Interoperable:** Source Agnostic
- ▶ **Quick:** Easy to Onboard
- ▶ **Simple:** Integrated Incidence and Action Management
- ▶ **Flexible:** Integration of IoT Sensor for Environment and Health
- ▶ **Mobile:** Handheld based Alerts and Logging
- ▶ **Committed:** Dedicated Customer Support
- ▶ **Secure:** GDPR, ISO 27001:2013, ISO 9001:2015 and SOC I & II Compliant



Congestion Zones



Maintenance Activities



Hoist Inspections



Machinery Faults



Voltage Imbalance



Pipeline Faults



IT Asset Downtime



Storage Tank Leakages

### Enjoy

- Experience up to a **200%** increase in data retention and reference.
- Save **25%** on maintenance costs.

**Contact Sales** now for more information.

## Deployed across multiple industries



## Compliant with internationally accepted standards



etc. & your own custom compliance standards.



# Unleash the Power of AI-Driven Predictive Maintenance

Detect. Act. Protect.

A frontrunner in workplace risk intelligence, Detect Technologies ensures the safety, compliance, and productivity of your facility's people, assets, and operations. Our flagship industrial AI solution T-Pulse, enlightens your management teams with real-time, data-driven insights, enabling informed decisions and conclusive resolutions. With data security and integrity at its core, T-Pulse has been designed to integrate seamlessly into your industrial operations, empowering 24x7 monitoring, instantaneous alerts, and rapid incident responses.

## Trusted by Leading Global Enterprises



Houston, USA | Singapore | Chennai, India | Mumbai, India

Discover more at [www.detecttechnologies.com](http://www.detecttechnologies.com)

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