

The iSensPro comprehensive CUI solution radically reduces costs and risks

Indirect cost : Less risk, greater peace of mind

- Lower risk of incidents and damage of public image
- Less unexpected plant outage and restarts due to early detection of CUI
- Less operational loss caused by CUI due to early detection of leakages
- Longer economical lifetime of assets & lower cost of ownership
- Better data reporting in compliance with regulations
- No need for experts to decide inspection location & frequency
- Reduced safety risks for staff reducing/avoiding manual inspections

Direct cost : Significant cost savings

- Maintenance cost reduction due to optimal planning,
- Improved localization and increased preventive actions
- Inspection cost reduction due to replacement of inspection by monitoring

Energy cost : Environmentally sound

- Less energy loss and CO2-emissions thanks to well-maintained insulation
- Energy usage reduction on newly insulated pipes that no longer require visual inspection
- Uninsulated pipes can be insulated without fear of CUI

Transform the Way You Manage Corrosion

At iSensPro, we don't just monitor corrosion—we detect and prevent it. With our comprehensive CUI solution, asset managers can move from reactive to proactive maintenance, ensuring safer, more efficient, and cost-effective operations.

Monitor ➡ Inspect ➡ Detect ➡ Mitigate

Why Choose iSensPro?

- **Complete CUI solution** : Our CUI infrastructure a full-stack solution for monitoring, detecting, predicting, and managing CUI, ensuring comprehensive asset protection.
- **Precise Detection** : Detect the start and stop of moisture and CUI in real-time.
- **Non-Intrusive CUI Detection** : Monitoring and inspection sensors Installed on top of the cladding for easy setup without disrupting operations.
- **Seamless Integration** : Easily integrates with existing local management systems.
- **Cost Reduction** : Save up to 60% on maintenance-related costs.



iSensPro provides a **comprehensive solution** for Corrosion Under Insulation (CUI) detection and mitigation, integrating **sensor technology**, in-depth **data-analytics**, and **AI-supported insights** to help industries maintain asset integrity efficiently.

Monitor ➡ Inspect ➡ Detect ➡ Mitigate



Non-intrusive sensor technology



Integrated in inspection and maintenance workflow



Complete 360° CUI and Moisture Detection



Combining inspection and monitoring tools

What if

- ... you could monitor your entire asset infrastructure 24/7 without disrupting operations?
- ... you could detect corrosion before it becomes a problem with real-time AI-supported insights?
- ... you could avoid unnecessary shutdowns and costly inspections by targeting only critical areas?
- ... your plant could benefit from smart data collection, predictive maintenance, and data-based decision-making?
- ... you had a fully integrated CUI solution, combining sensor technology, radiography, and AI-powered analytics to safeguard your assets?
- ... your team could focus on strategic maintenance instead of chasing hidden corrosion risks?

With iSensPro, this is no longer a 'what if'—it's a reality. Equip your plant with our end-to-end CUI monitoring solution and take full control of asset integrity, safety, and cost-efficiency.



What if you could monitor CUI comprehensively and safely, 24/7?

Reduce the risks and costs of moisture damage that leads to corrosion under insulation (CUI) on your pipes, tanks, and valves with iSensPro's comprehensive solution. By combining iSensPro's advanced sensor technologies with other monitoring and inspection techniques and with AI-driven analytics, you gain continuous visibility, proactive detection, and predictive maintenance capabilities, all without the disruptions of conventional intrusive inspection methods.



Easy to Implement /Install

- Comprehensive CUI Infrastructure: Seamless integration of iSensPro sensors, inspection methods and third-party detection technologies for a holistic, end-to-end solution.
- Non-intrusive CUI Detection : Existing insulation is neither removed nor punctured
- Scalable & Adaptable: Works for both new and existing installations.

Easy to Monitor

- 24/7 Continuous Monitoring: Continuously tracks insulation conditions and early CUI indicators.
- Wireless : Battery-powered CUI & moisture sensors transmit data seamlessly.
- Monitors assets under all operational and weather conditions.
- Proactive Decision-Making: Empowers maintenance teams to prevent failures before they occur.

Easy to Inspect

- Multi-Technology Monitoring: Integrates iSensPro sensors, wall thickness detection (e.g. RX Radiography), and third-party solutions for a full CUI assessment.
- 360° Data Harvesting : Monitors entire piping sections under all conditions, whatever its shape
- Automated Asset Inspections: Enables real-time tracking and automated reporting.

Easy to Detect

- Early-Stage CUI Identification: Detects moisture accumulation, coating degradation, and corrosion onset.
- Smart Alarms & Alerts: Notifies maintenance teams before failures
- Asset Knowledge & Reporting : transforms data into customized reports and action plans that align with the specific needs of industrial operators.

Easy to Mitigate

- Complete Infrastructure Protection: By integrating multiple CUI detection methods, iSensPro ensures comprehensive asset longevity.
- AI-supported Decision Making: Optimizes maintenance schedules to reduce costs and downtime.
- Regulatory Compliance & Sustainability: Ensures safety while minimizing environmental impact.