

# CORROSION MANAGEMENT: USING DIGITAL TECHNOLOGIES TO BETTER PREDICT AND PREVENT CORROSION



## Video Transcript

These are your operation's vital networks. Carrying oil, natural gas, water or waste, they are essential to your business.

But under constant pressure and wear-and-tear, these critical pathways can be a weak link in your infrastructure if not efficiently maintained.

Corrosion is a challenge. Untreated, it can lead to leaks, system malfunctions, equipment failures, unplanned outages, and health and safety issues.

On the other hand, most inspection programs rely on manual inspection and traditional techniques, missing signs of corrosion or pushing the limits of budgets and maintenance staff by focusing resources in the wrong place at the wrong time.

You're already doing inspections, but imagine that you could apply digital technologies in innovative ways to move beyond reactive

inspection and maintenance and into predictive corrosion management.

**Now what if we told you that these new technologies and strategies could significantly reduce the cost of asset management while increasing uptime, productivity and asset integrity by more than 10%?**

Accenture's Corrosion Management solutions combine our extensive industry experience and technical expertise with new technologies and leading digital strategies to realize a step-change in the management of your assets and operations.

- Cutting-edge technologies combined with leading maintenance strategies help you achieve smarter, safer inspections and more connected, digital operations.
- Using advanced analytics and data visualization, you can

accurately predict risk and carry out targeted inspections at the right time and in the right place.

- Analysis of video from drones and fixed cameras gives you easy access and reliable information about hazardous or remote areas, reducing the need for manual inspections and limiting risk.
- 3D modelling and image analysis automatically pinpoints potential corrosion. And using the latest inspection techniques, you can carry out inspections without taking your system offline or damaging pipe in the process.

Accenture's Corrosion Management Solutions empower you to make cost-effective, reliable and actionable decisions. Embrace digital innovation and move beyond reactive maintenance and inspection into tomorrow's predictive corrosion management.