

## Safeguard Your Energy Infrastructure with Our Corrosion Detection Solution



Our Corrosion Detection Solution employs advanced methodologies, including **predictive analytics** and technologies like **Azure ML**, **Azure Container Registry**, **Kubernetes Services**, **Azure Cosmos DB**, and **Azure Blob Storage**, to proactively **identify and mitigate material damage** in critical infrastructure. This ensures the robustness and safety of energy systems by enabling **early detection of corrosion** through **continuous monitoring** and **real-time data analysis**.

This proactive approach minimizes the risk of failures, extends infrastructure lifespan, and optimizes maintenance efforts, reducing operational costs.

"Global IT spending in the power and utilities market is set to rise by **8%** in 2023, reaching **\$189** billion, with a projected five-year CAGR of **8.2%**, aiming for **\$242** billion by 2026.







Real-Time Alerts & Notifications



Remote Monitoring



Predictive Analytics



Unparalleled Precision



Intuitive User Interface



Seamless Integration



Comprehensive Reporting

**Early Damage** 

Detection



Optimized Maintenance Strategies



Increased Infrastructure Lifespan



Improved Operational Reliability



**Core Benefits** 

**Enhanced safety** 

## **Key Features**



Extended Asset Lifespan 60%

Reduced Maintenance Costs 2X

Enhanced Operational Efficiency

50%

Minimized Downtime 40%

Improved Decision-Making





