Predictive Corrosion Management

Continuous data collection, real-time trending, powerful analytics

Predictive Corrosion Management from GE is an APM extension which combines a ground-breaking package of Predix, cloud-based software with RightraxPM installed sensors and advisory services to continuously monitor corrosion-related risk, proactively make disposition decisions and minimize total cost of operations.

▶ **Rightrax PM Installed Sensors**

Predix, cloud-based software

Expert Advisory Support

COLLECTING DATA: Small Profile Installed Sensors

- Proprietary SolGel - eliminates need for couplant, adhesives or welding
- 1"x1" footprint – Fits under insulation
- Resolution - 0.02mm wall thickness
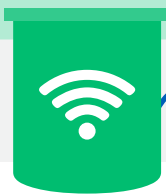- UT frequency – 5 MHz
- ATEX certified

Clamping straps fit 2" to 22" pipes

WIRELESS ULTRASONIC MONITORING:
Mote - 64 sensors

▶ Fully self-contained
▶ Battery powered – 5 year lifespan

GATEWAY

PREDIX

MINI FIELD AGENT

Forecast remaining asset life

View current and projected corrosion rate

Measure wall thickness and temperature

Predict future corrosion-related risks

PROCESS AREA INTEGRITY

- Dashboard
- Alerts
- Schedules
- Network

STATUS | PROCESS AREA | HEALTH TREND

WALL THICKNESS

OUR KILLER APP THAT DRIVES INSIGHTS
Asset Performance Management

Continous Inspection

Integrity Assurance

Maintenance Optimization

IMPROVE UPTIME AND EXTEND ASSET LIFE WITH PREDICTIVE CORROSION MANAGEMENT

▶ Improve uptime and extend the life of critical assets

▶ Protect asset integrity and reduce corrosion-related risk

▶ Maintain personnel safety

▶ Reduce inspection-related costs

▶ Proactively manage maintenance and operations

▶ Enhance reliability of data for informed decisions