Increase pipeline safety and integrity at your site

Zedi Pipeline
Protect your profits and sustainability with the ability
to detect liquid pipeline anomalies from anywhere, anytime.

EMERSON

Increase Advantages with Statistical Awareness

Pipelines can easily present your operations with large, expensive challenges that have high impact on return and several levels of safety. Now, with stronger data analytics you can quickly and easily make giant gains to reduce your risk through actions.

- **Awareness = Opportunity**
- **Fast set up and path to accuracy**
- **Customize to your operation**
- **Compliments any SCADA system**

200 Since 1986 hazardous liquid pipeline accidents have spilled an average of 76,000 barrels per year, which is equivalent to 200 barrels every day.*
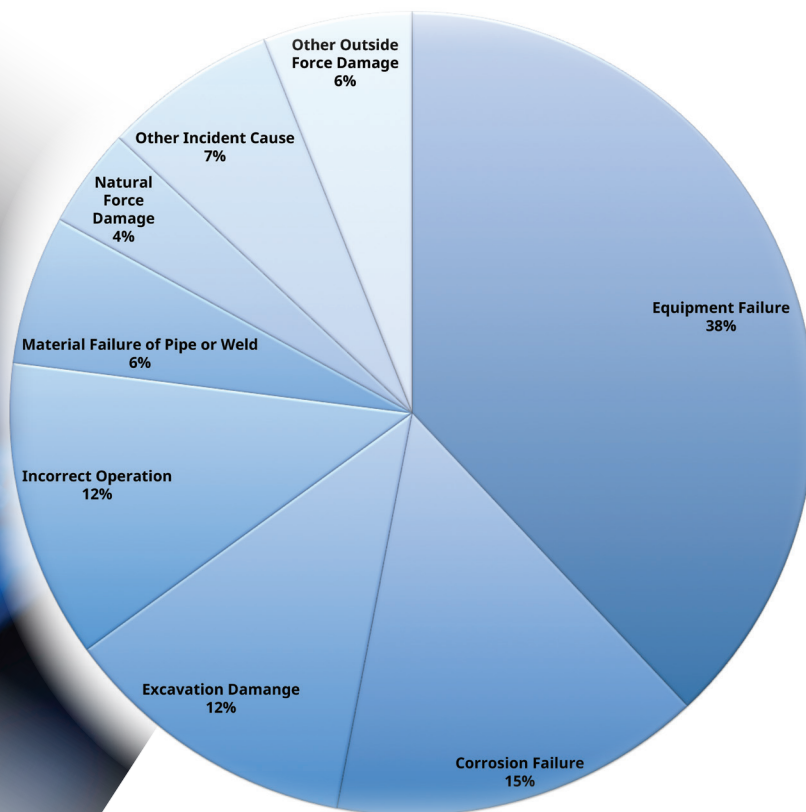
$1.2 Billion dollars to cleanup Michigan crude pipeline spill and took a whopping four years to complete

Cause of Pipeline Incidents in 2020
Source: PHMSA, analyzed by FracTracker Alliance. Data downloaded 3/4/2021***

- Other Outside Force Damage 6%
- Other Incident Cause 7%
- Natural Force Damage 4%
- Material Failure of Pipe or Weld 6%
- Incorrect Operation 12%
- Excavation Damange 12%
- Corrosion Failure 15%
- Equipment Failure 38%

* https://www.sciencedirect.com/science/article/abs/pii/S0951832020308772
** https://www.sciencedirect.com/science/article/abs/pii/S0951832020308772
***https://www.fractracker.org/2021/04/2021-pipeline-incidents-update-safety-record-not-improving/

Rapidly Detect Pipeline Anomalies

Emerson's Zedi Pipeline™ quickly detects anomalies for non-compressable liquids like water or oil. Complete with an easy to understand mass balancing dashboard that presents your authorized end users with accurate volume data from inlet and outlet pressures.

Avoid delays and risks while increasing profits by keeping your budget and safety in check.

- **Easily identify and manage risk areas**
- **Reduce costly cleanups**
- **Increase response time**
- **Establish regulatory compliance**

Your data from existing sensors to used by the system to learn the normal operating parameters and diagnose when a potential incident is occurring, including anomalies and other challenges.

Zedi Pipeline tracks pump outages, flow balance, mass balance, and pressure over time. It empowers authorized users with valuable insights to enhance safety, reliability, and profitability.

With a proven track record, Zedi Pipeline has successfully detected and alarmed anomalies associated with various issues such as flowmeter build-up, meter drifting, inlet separator problems, meter malfunctions, and unscheduled shutdowns. By leveraging the capabilities of the Zedi Pipeline system, users can promptly address these and other issues and optimize their pipeline operations for improved performance and efficiency.

Unlock the most value from your operational data

Effortless, always up to date software enables you and your people to better focus on more impactful business decisions

Our platform is built for anything under the industrial sun. You may even decide to layer our SaaS SCADA onto your own current system to help make your team more mobile, as a secondary system for a transitional time-frame until your people are comfortable using a new system, or even as a secondary back-up to add another layer of security in the event your in-house system fails.

Our SaaS is hardware agnostic, which means you can utilize hardware you may already own, and still get decision making data

You decide on what sensors and hardware equipment are best suited for your situation. All you do is tell us what you want for data and analytics to be reported and we'll do the rest —in just a few days. This delivers your people with the actionable insights they need to make better operating decisions quickly and efficiently.

Software as a Service

Unlock the most value from your data

Easily and seamlessly access current, user-friendly data for real-time, accurate decision-making gains. Our software applications are delivered as a service to ensure you always have the most up to date security and enhancements, secure storage and full support. Increase profitability and operational excellence with our software solutions for better performing assets, streamlined compliance, and optimized resources.

Acquire, manage, and analyze your data while ensuring compliance

- Unlimited users, no seat or licenses required
- 24/7/365 customer support
- Application upgrades
- User training
- Access anytime, anywhere
- Data center
- Business continuity
- Infrastructure management

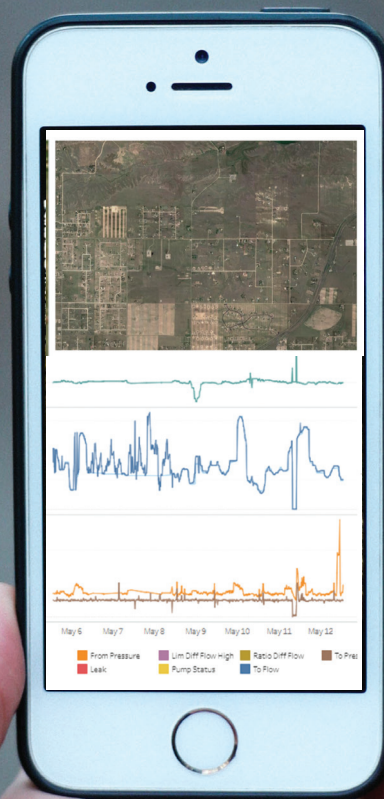Learn more online at: www.Emerson.com/Zedi

Flexible and Cost Effective

Easily scales and integrates with any existing system for as much (or as little) pipeline as you desire to monitor in any location, no matter how remote. Developed for any size pipeline and material type, all serviced by the same communications assembly. Easily flexible to increase pipe length and locations to gain the actionalbe data you need to make better business decision.

Available for several applications, including:

- **Critical feeder mains**

- **Pipes at remotely located sites**

- **Saltwater disposal**

- **Mains without redundancy**

- **Mains with a history of rupture or leaks**

- **Some industry supply lines**

• Detect liquid pipeline anomalies
• Complete with mass balancing dashboard

Digitally transform your operations with increased visibility with a secure, scalable end-to-end IIoT cloud platform.

Gateway

Zedi SaaS SCADA

Authorized User Access

Authorized Partner Access

Our cloud-native IIoT platform is developed to gain actionable data analytics from anywhere. It was built for your operations and authorized users from around the world to gain accurate operational data with actionalbe analytics for better business decisions.

Go Boldly™

EMERSON™