Velonix™

Optimized pig control. Every run, every line.

EXPRO

Pipeline flow velocity is critical to successful pigging operations. However, the optimal velocity window is not always achieved through normal pipeline flow.

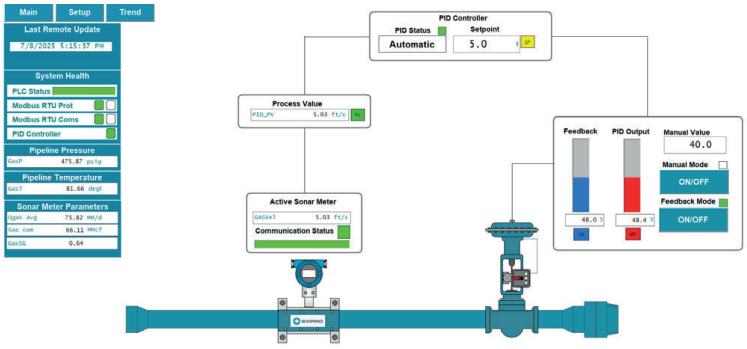
This system, developed by Expro, enables computer-controlled regulation of pipeline flow, allowing real-time adjustments to increase or decrease flow velocity to match the desired pig speed. Leveraging state of the art SONAR technology, a clamp-on meter is installed on the pipeline to continuously provide highly reliable velocity measurements. These real-time measurements feed into the closed-loop control system, which precisely adjusts the flow parameters of the pipeline segment being pigged, ensuring smooth and effective pig runs.

Applications

- Low Flowrate Pipelines
- High Flowrate Pipelines
- No Flowrate Pipelines

Expro Excellence

- Ideal, Stable, Consistent Pig Velocities
- Mobile, Bolt-On, Non-Intrusive
- Compatible with Any Pig
- Livestream Data to Desk



Increased

- Inspection Data Quality
- Response Time
- Operational Reliability
- Cleaning Pig Effectiveness

Reduced

- ILI Re-Runs
- Product Loss
- Emissions
- Personnel Exposure
- Manual Operations