



**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
- Variable 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

