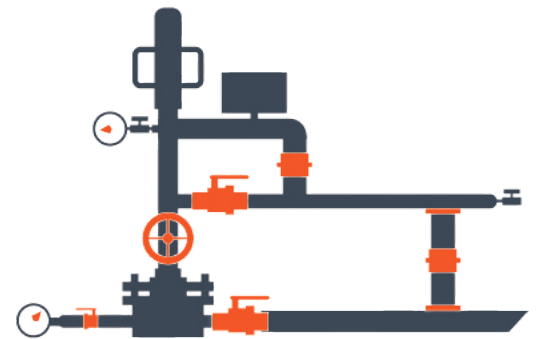


Ambyint InfinityPL™

Plunger Lift System



The Ambyint InfinityPL Plunger Lift System provides enhanced surveillance, analytics, and anomaly detection compared to traditional SCADA systems. It automates setpoint management, allowing teams to focus on the most critical wells. This reduces inefficiencies and downtime. The system's analytics dashboard provides a comprehensive overview of field production, enabling optimized well performance and workforce efficiency.



Product Features

Optimization Surveillance:

- Automated reports for informed decision-making
- Dashboards to compare production data against plunger performance
- Review performance metrics for plunger lift systems across all wells to find wells of interest
- Monitor impact of ASPM over time for a single well or customizable well groupings

Anomaly Detection & Predictive Maintenance:

- Advanced AI to monitor equipment health and identify surface and downhole problems
- Reduce cycle time between an issue happening in the field and a resolution

Autonomous Setpoint Management (ASPM):

- Physics-informed AI calculations
- Cycle level classifications that define optimization strategy
- Optimal controller setpoint recommendations for review
- Remote or autonomous setpoint updates directly through existing SCADA infrastructure
- User-defined parameters to ensure the well is always operating within expected limits
- Plunger arrival stabilization to ensure safe and consistent arrivals then production optimization

Requirements and Capabilities

Customer Requirements

Plunger Lift Type	RTU Type:	Data Requirements for:	SCADA
<ul style="list-style-type: none"> Conventional Two Piece 	<ul style="list-style-type: none"> Totalflow Fisher Emerson Floboss ROC SCADAPACK <p>NOTE: Have an RTU that's not listed here? Not a problem. We're always looking to expand our RTU library.</p>	<p>Well Data</p> <ul style="list-style-type: none"> Well Header Control System Downhole Equipment Wellbore Information Reservoir Information <p>SCADA/RTU Data</p> <ul style="list-style-type: none"> Time Series: Casing, Tubing, Line, Flow Rate Plunger Cycle Data Setpoint/Trigger Data <p>NOTE: 5 minute polling frequency preferred but not required</p>	<ul style="list-style-type: none"> Agnostic

InfinityPL Capabilities

Surveillance/Analytic:	Anomaly Types:	Setpoints Management:
<ul style="list-style-type: none"> Well Specific Analysis Page <ul style="list-style-type: none"> Historical view of plunger cycles Daily Operations Dashboard Well Review Dashboards Automated Email Reports: <ul style="list-style-type: none"> Daily Operations Reports Weekly, Monthly, Quarterly Management Reports 	<ul style="list-style-type: none"> Miscalibrated sensors, Frozen sensors, Leaking Motor Valve, Surface Restriction 	<ul style="list-style-type: none"> Open: CP-LP, TP-LP, LF, Time Close: Afterflow Rate, Afterflow Time Goal: Plunger arrival stabilization then production optimization

About Ambyint

Ambyint supports upstream oil and gas companies with our AI-powered production optimization platform. We expand capacities, improve safety, and enhance sustainability. By focusing on operational issues and enabling autonomous well control, we help teams optimize every well, every day. With nearly 200,000 BOE/D managed, companies achieve production gains, cost savings, and reduced emissions. Our Houston and Calgary teams are ready to help North American producers harness AI for a sustainable future.



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