



Expert-Level Well Optimization Across Your Entire Field

AI-Driven Setpoint Optimization, Governed Automation &
Continuous Well Monitoring

Scale Expert
Decisions
Across Every
Well

Auto-Optimize
as Conditions
Change

Stay in Control
with Progressive
Trust Model

Accelerate
Performance
with AI/ML
Optimization

Deploy Fast and
Scale Rapidly

PakEnergy, LLC | A Delaware LLC

Your Best Operator, Watching Every Well, 24/7

Unlock up to 30% more production through AI-driven plunger-lift optimization.

OnPing Plunger, powered by Pak AI, helps operators monitor, optimize, and scale plunger-lift performance across an entire field. By combining machine learning, physics-based modeling, and AI agents, the solution continuously evaluates well behavior, identifies optimization opportunities, and recommends or applies operating adjustments while keeping operators in control.

The system learns from high-quality historical plunger runs, models how each well should perform, and continuously compares actual results against expected behavior. When conditions change, it can adjust setpoints within established automation and safety limits or alert operators when intervention is needed.

OnPing Plunger's progressive trust model means nothing moves without your authority. Choose Off, Manual, or Auto on any well, and change your strategy at any time.

The result: more production, more consistent performance, and smarter plunger-lift optimization across your entire field.

Key Features

-  **AI-Driven Setpoint Optimization**
-  **Physics-Based & Machine Learning Models**
-  **Progressive Trust Model**
-  **AI Agent Governance & Safety Guardrails**
-  **Drift Detection & Continuous Adaptation**
-  **Human-in-the-Loop Review & Control**
-  **Field-Level Optimization at Scale**
-  **SCADA-Agnostic Connectivity for Qualified Systems**
-  **Lumberjack Digital Controller Option for Legacy Controllers**





OnPing Plunger Powered by Pak AI

Transform plunger-lift operations with AI-driven optimization that delivers more consistent performance, proactive decision-making, and expert-level monitoring across your entire field. Nothing moves without your authority.

The result: up to 30% more production with governed optimization at scale.

Adaptive Setpoint Optimization

- Optimize tubing differential and pressure thresholds
- Tune afterflow timing and timer-based controls
- Adjust setpoints automatically as operating conditions change
- Support multiple operating modes and well configurations

Three Layer AI Intelligence

- Combines plunger lift physics with machine learning trained on real well data
- Learns from high-quality historical plunger runs to model expected well behavior
- Compares actual performance against expected behavior to detect drift
- Flags wells deviating from normal patterns or needing mechanical intervention
- Uses actual operating results to continuously improve optimization decisions

Progressive Trust Automation

Nothing moves without your authority

- **Off:** Observe model insights and review optimization opportunities without applying changes
- **Manual:** Review and approve recommended adjustments before they're applied
- **Auto:** Automatically apply governed setpoint adjustments within your control and safety limits
- Operators add notes, downtime events, and operating context to inform the AI
- Every recommendation is conservative, transparent, and bounded by existing guardrails

Expert Decisions Across Your Field

- Improve plunger run consistency and reduce erratic well behavior
- Move teams from reactive tuning toward proactive optimization
- Replicate experienced operator decision-making across large well portfolios
- Expand coverage without continuous manual monitoring or setpoint tuning
- Deploy pilots quickly and scale across qualified assets

Rapid Deployment & Scale

- A digital plunger controller with SCADA output
- PakEnergy's Lumberjack digital controllers are available where legacy modernization is required
- High-frequency SCADA data sufficient to capture plunger cycle signatures
- Real-time SCADA access for the optimization service
- Polling requirements qualified by well and operating environment



Uncover Your True Production Potential.

Every well counts. Every well is expected to deliver. OnPing Plunger works every well like your best operator would, finds the production you're missing, and never moves outside your limits.

Find Your 30%. Schedule a Demo Today.

