



# IntelliStream Benefits



## What is IntelliStream?

An enterprise production optimization solution, utilizing artificial intelligence at the core of decision making. IntelliStream enables truly predictive capabilities, delivering increases in oil and gas recovery and addressing non-productive, unplanned downtime and associated costs. It turns data from a client's assets, reservoir, operations, maintenance, and people into actionable insights to help customers deliver a step change in productivity.

Operational Benefit	Enabling Feature
<p><b>Remaining Useful Life Prediction</b></p>	<p>Predicting failure rate and remaining life of equipment based on operational history (unique to each well) and historical failure, allowing for advanced notice prior to lift failures.</p> <p>Prediction with probability (confidence score)</p> <p><b>Minimize unplanned downtime</b> due to unplanned workovers</p> <p><b>Improve planning and scheduling;</b> alignment with supply chain and OEM</p>
<p><b>Multi Well Optimization</b></p>	<p>Production field optimization, with cluster constraints (common topside infrastructure such as water disposal, separators, power supply) to highlight and deliver production upside.</p> <p><b>Increased production</b> due to delivery of ultra-fast optimization techniques and integrated workflows and data</p> <p>Simultaneously solve for <b>well-level and cluster-level constraints</b></p> <p>Enables optimization runs multiples times per day (vs. weekly or monthly)</p> <p><b>1000x faster than current solutions</b> delivered through parallelized cloud computing, accelerated well models and techniques</p> <p><b>Industry first</b> simultaneous multi-well optimizer</p>
<p><b>Well Lifecycle Planner</b></p>	<p>Unbiased artificial lift plan over the life for wells with significant variability in productivity, fluid mix etc.</p>
<p><b>Automated advisories on well and performance</b></p>	<p>Ever-green digital twins, taking into account new well test data and allowing for real-time calibration of models to diagnose performance challenges.</p>
<p><b>Scale Existing Analytics</b></p>	<p>Ability to deploy and manage your existing analytic at scale</p>
<p><b>AL Surveillance &amp; Equipment Diagnostics</b></p>	<p>Provide users with near real time data visualization, analysis using exception based monitoring, and diagnostic techniques.</p>