

Upstream Professionals, Inc.

“Optimizing Operations Efficiencies”

Well Lifecycle Management (WLM) Framework

Overview

Upstream Professionals Inc., (UPI) is an oil and gas Consulting company that provides upstream optimization services using a special "Framework" Methodology to maximize operations efficiencies. The focus is to assess your Well Life Cycle Management (WLM) environment to identify processes that need improvement, evaluate your current IT infrastructure for completeness and effectiveness, and to prioritize key areas that need enhancement & performance improvement.

Well Decision Lifecycle Framework

“Exploitation of Assets via Framework Decisions”



The UPI WLM Framework is leveraged within operations to drive out inefficiencies & waste, to streamline operations processes, & provide immediate, accurate information for better decision-making. Optimization is achieved through business & IT assessments to align multi-disciplined teams, business processes and information flows resulting in an integrated platform conducive for collaboration amongst team members and applying Best Practices to maximize your investments in operations. The resulting environment becomes a trusted foundation for measuring performance achievements and quickly drilling down to problematic areas.

WLM Framework Deliverables

Upstream Operations Business Assessment

- Clearly understand your Objectives & Strategies
- Identify processes that need improvement
- Leverage *Documenter* to identify process flow
- Identify top KPIs and critical success factors
- Identify Reporting requirements to Support the Vision
- Identify and prioritize key areas for enhancement
- Determine requirements for Business Performance Achievements analysis
- Business Impact Analysis of proposed solutions
- Software implementation/development
- Skills and Knowledge Training

IT Environment Technical Assessment

- Evaluation of your current IT environment and goals while leveraging your existing systems
- Information & workflow completeness and efficiencies
- Ability to provide and manage immediate, accurate Well Life Cycle data
- Collaborative environment ability to support Multi-Disciplined Teams of skilled resources
- Missing functionalities – identify the gaps
- Data Management requirements
- Identify the software platforms and interfaces requirements

We Differentiate ourselves by:

- The knowledge, skills and years of experience of our people including; Petroleum Engineers, Senior IT Consultants, and Technicians
- Established record in the oil & gas industry understanding and transforming business processes, & optimizing IT capabilities
- ROI and Goal oriented to enhance Management's understanding of their Assets

Well Lifecycle Management Framework



A Methodology is needed to:

- Transform the business to become an Asset Management organization
- Align people, processes & technology to support and maximize productivity of your key Assets
- Determine the “Golden Rules” to establish standards for naming conventions and workflow processes
- Determine collaboration, application, reporting & data integration requirements
- Provide a flexible platform to transform organizational behavior, resources & focus
- Provide an easy to use platform for Future Acquisitions and integration of new wells
- Execute the Well Lifecycle Management Vision

Starts with a Vision

The success of the “Framework” implementation will depend on the “Visionary Leadership” of your organization. It is imperative to have Executive sponsorship at an early stage as business processes and responsibilities will change, but this new “enablement” will significantly increase the productivity of your people and resources.

The UPI Framework Methodology is designed to assess your company’s ability to efficiently and effectively manage and maximize your investments in your people, processes and technology. The results will help you identify your requirements for application functionality, workflow and data management to determine your Well Lifecycle Strategy and achieve your Vision for optimizing your operations performance.

UPI will leverage our WLM Framework methodology to assess the gaps in your environments and recommend solutions with the highest impact. The goal is to add value by streamlining your workflows, and adding high-impact functionality and clarity to your existing environment to continuously monitor, analyze and control performance.

To implement a client’s WLM Strategy, TAM was developed to address the major issues facing most operators today, which are: process inconsistencies, data inconsistencies and clarity across departments to provide immediate and accurate reporting capabilities. TAM delivers information quickly and easily to all users, including all levels of management in easily constructed views and reports, and well as providing Business Intelligence capabilities for deeper insight into your operations performance.

TAM also positions your company to adapt to change through future acquisitions and aggressive drilling, becoming the focal point for easily adding new Assets by users versus the need for programmers to code new properties into the system. TAM will improve collaboration and communications within an organization around operations, improves the visibility of key information elements to all departments, and provides expertise in company systems management, and internal / external reporting.

The UPI *Documenter* software application complements the WLM Strategy and provides documented process charting, including sub processes, resource assignments, and primary sources of key information elements. Documenter is a helpful tool for adhering to SoX compliance.

The TAM solution provides a solid foundation for establishing benchmarks for operations and financial performance achievements. Some examples include; dashboards, scorecards, exception-based reporting and other high-impact business Intelligence & performance tools.

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