

BROCHURE



Driving digital transformation with Data to decision solution

Are you looking for the best way to achieve operational & process efficiency? Do you need to make faster & well-informed decisions? With our best-in-class digital platform, we help enterprises go beyond traditional processes and make their production operations intelligent with minimal downtime.

Optima - An IoT-enabled Digital Analytics Oilfield Platform

Optima - a single unified integrated platform built on a microservices architecture that is configurable, customizable, and scalable—to mitigate the operational challenges faced by the O&G industry. It leverages cutting-edge technologies—IoT, Blockchain, Mobility, Edge Computing, and Machine Learning—and utilizes real-time data for domain-driven decision-making. Optima provides:

- »» Seamless integration and automation of workflow and processes
- »» Transparency, accountability, and auditability
- »» Efficient and timely reporting
- »» Consistency and standardization
- »» Dashboards and analytics for a broad range of audiences

Optima ecosystem

Envision

A remote communication modular IoT device

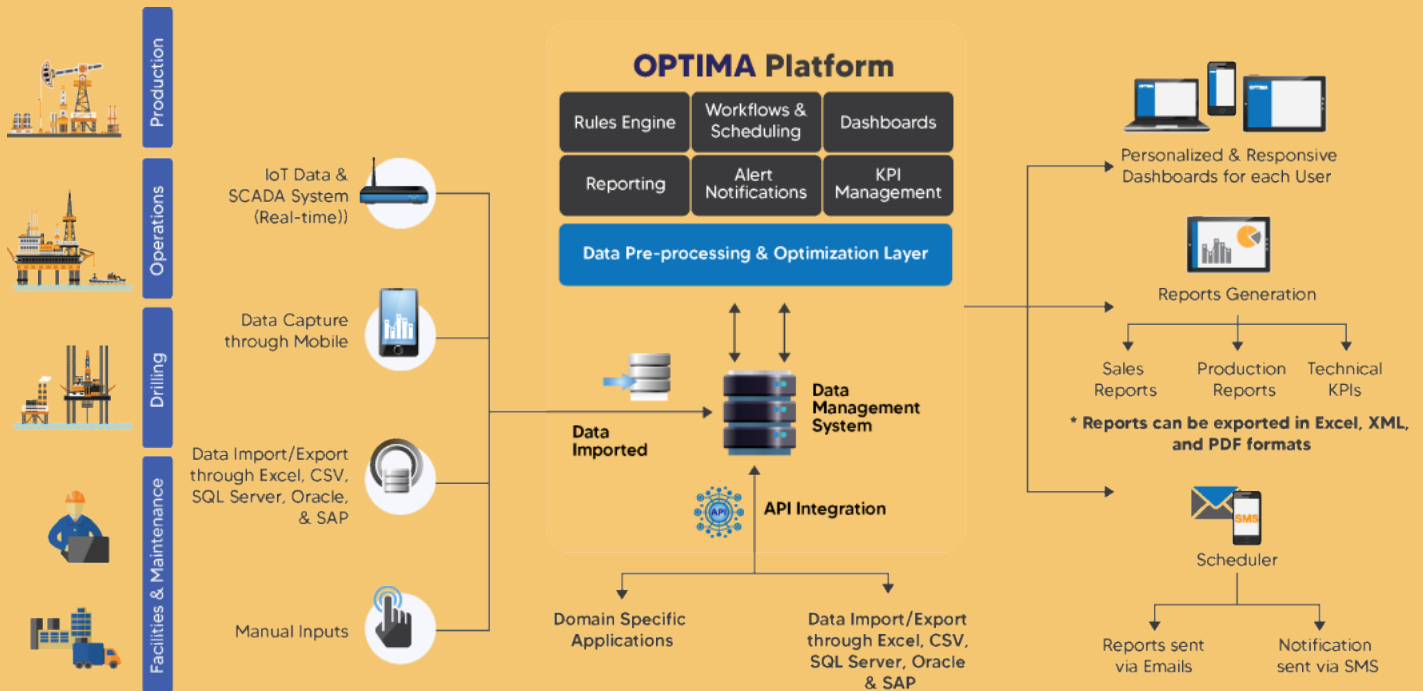
Envision is the remote communication modular IoT device that provides fully configurable and secure access to real-time data from remote assets via Ethernet, Wifi, Cellular, or Satellite connections to the proprietary digital platform deployed on the cloud or private network. This edge device can also be configured and connected to any third-party platform

Optima

A data-to-decision software platform

Optima is a data-to-decision (D2D) technology platform that enables collaboration between various business units for faster and more informed decision-making. Optima effectively manages periodic and high-frequency data acquired from the remote control and voice-enabled gateways. The platform includes fully customizable visualization and reporting dashboards

Optima Architecture



Transforming the future of industry operations

Kellton is the digital transformation powerhouse with a vision for innovation. We pride ourselves on being a globally trusted company that partners with world-leading organizations to revolutionize their business with cutting-edge technology. We developed Optima with the ambition to build a new era of upstream intelligence. An IoT-enabled robust, scalable, customizable, and futuristic platform, Optima is the complete solution to integrate and manage high-frequency data, enhance production lift operations, and simplify equipment and well management, all under one roof.



Production Workflow

Maximize your operations with our software's integration, monitoring, and alarming capabilities, empowering you to make informed decisions faster. Unleash the potential of Envision, an IoT device for real-time data acquisition, transmission, and control.



Production Surveillance

Optimize Artificial Lift operations with event detection, anomaly identification, and real-time virtual flow metering. Flow data powered by the **Virtual Flow Meter (VFM)** module offers virtual **real-time flow estimates with over 95% accuracy**. Stay ahead of potential issues and take control of your operations.



Production Optimization & Enhancement

Optimize your reservoir performance with our advanced software system. Predict key performance indicators and manage wells and fields with ease using our comprehensive monitoring features.



Artificial Lift Lifecycle Management

Revolutionize your engineering, inventory planning and supply chain operations with end-to-end visibility and control over your design, operation lifecycle, and delivery processes.



Knowledge Hub

Empower your field operations with our comprehensive knowledge management hub. Share best practices, track your crew's certifications and skill matrix, facilitate troubleshooting, optimize fleet and route management, and boost safety and performance with our training and competency management features.



Electrical Optimization

Transform your energy operations with various features designed to optimize the energy efficiency of your ESP operations, realize cost savings, and drive environmental sustainability within your oil and gas operations.