



**KELLTON TECH**

**OPTIMA**<sup>®</sup> For Oil & Gas

An IoT-enabled Digital Analytics Platform

Achieve  
operational and  
process  
efficiency

Make faster  
and informed  
decisions

## **DRIVING DIGITAL TRANSFORMATION**

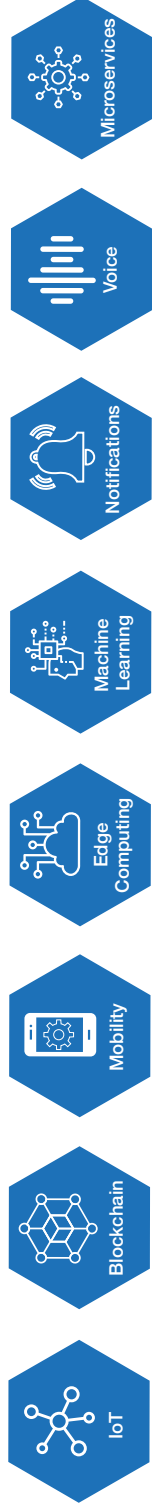
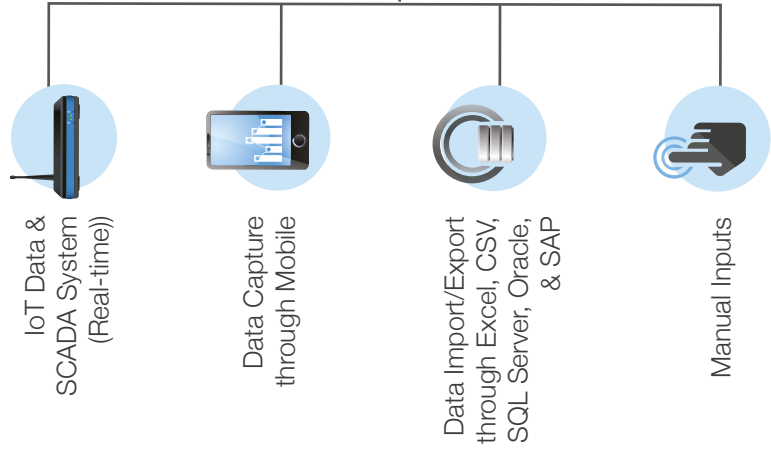
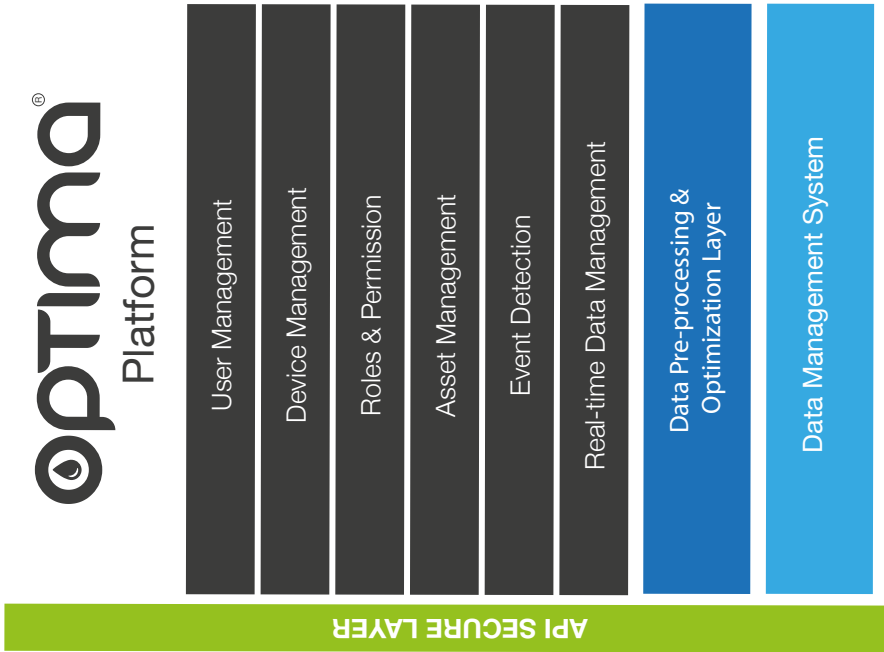
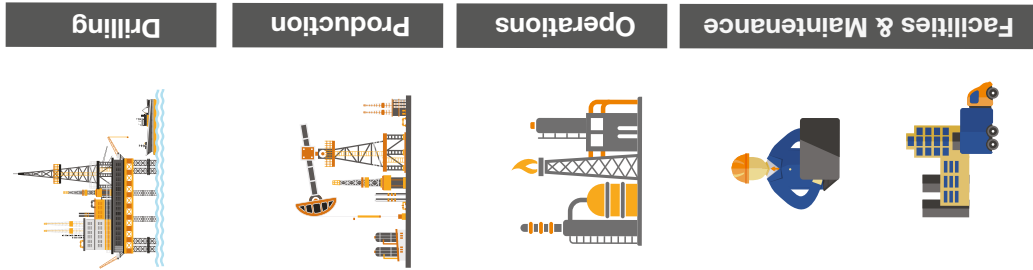
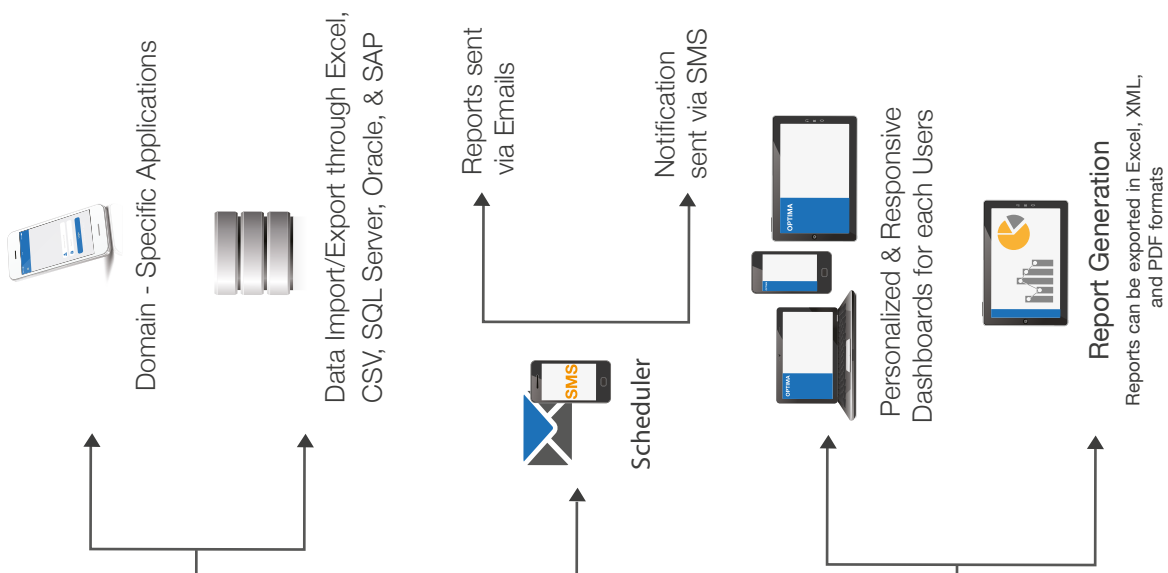
INNOVATE. TRANSFORM. CREATE VALUE

### **OPTIMA – DIGITALLY TRANSFORM YOUR BUSINESS**

Optima is a digital enterprise solution for effective management and monitoring of operations and resources. It leverages cutting-edge technologies—IoT, Blockchain, Mobility, Edge Computing, 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 – CONFIGURABLE, CUSTOMIZABLE, MODULAR & SCALABLE



## IN-BUILT MODULES



Real-time resource tracking



Operations & monitoring



Analytics - Predictive and Preventive



Communication between departments



Scheduling



Communication with vendors



Workflow and process management



Knowledge hub



Quality & HSE events monitoring



Alerts and notifications



Dashboards for various levels of employees

*\* Architecture allows for bespoke development*

## OPTIMA EDGE

Commercialized as Envision, is a modular IoT device for enabling real-time communication between asset and the Optima platform.

### Functionalities



#### Acquisition

RS485 / Modbus

Analog

Digital



#### Transmission

Ethernet

WiFi

GSM

### Features



#### Device Management

Remote Configuration  
& Provisioning

Alarm Configuration

Control



## OPTIMA VALUE PROPOSITION

1

### SIGHT



- Access to all data anytime, anywhere, on any device
- Automation of workflows & processes
- Contractor performance management
- Real-time well monitoring via IoT

2

### INSIGHT



- Optimization of assets and operations
- Key Performance Indicators
- Actionable data-driven analytics
- Identification of critical information

3

### FORESIGHT



- Proactive and Preventive action
- Data to Decision technologies (D2D)
- Big Data domain-driven analytics
- Augmented Reality (wearable NextGen technologies)

4

### AUTONOMOUS



- Artificial Intelligence
- Neural Network
- Machine Learning
- Pattern Recognition

## OPTIMA PRODUCTS

- ✓ Artificial Lift Life Cycle Management
- ✓ Real Time Monitoring & Surveillance
- ✓ Automation of Oilfield Operations
- ✓ Well Diagnosis
- ✓ Equipment Tracking

## OPTIMA BENEFITS

- ✓ Increase Workplace Productivity
- ✓ Higher Operational Efficiency
- ✓ Upskilling the workforce to analytical mindset
- ✓ Improvement in planning and decision making process
- ✓ Higher in cost savings and profits

Kellton Tech is a “Born Digital” technology consulting and services company with operations across the US, Europe, and Asia. Our team of 1,500 plus dedicated Kelltonites takes a technology agnostic approach to deliver innovative solutions that drive exceptional business value, empowering...  
**“Infinite possibilities with Technology”**



**KELLTON TECH**

Asia: +91.124.469.8900  
Europe: +353.76.604.2716

General Inquiries:  
ask@kelltontech.com

[www.kelltontech.com](http://www.kelltontech.com)