



KELLTON TECH



An IoT-enabled Digital Analytics Platform

Achieve
operational and
process
efficiency

Make faster
and informed
decisions

DRIVING DIGITAL TRANSFORMATION

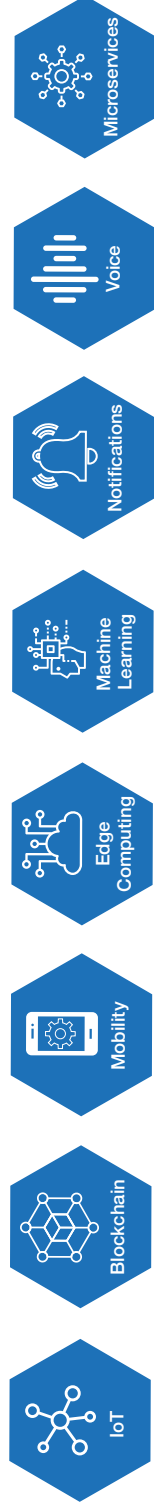
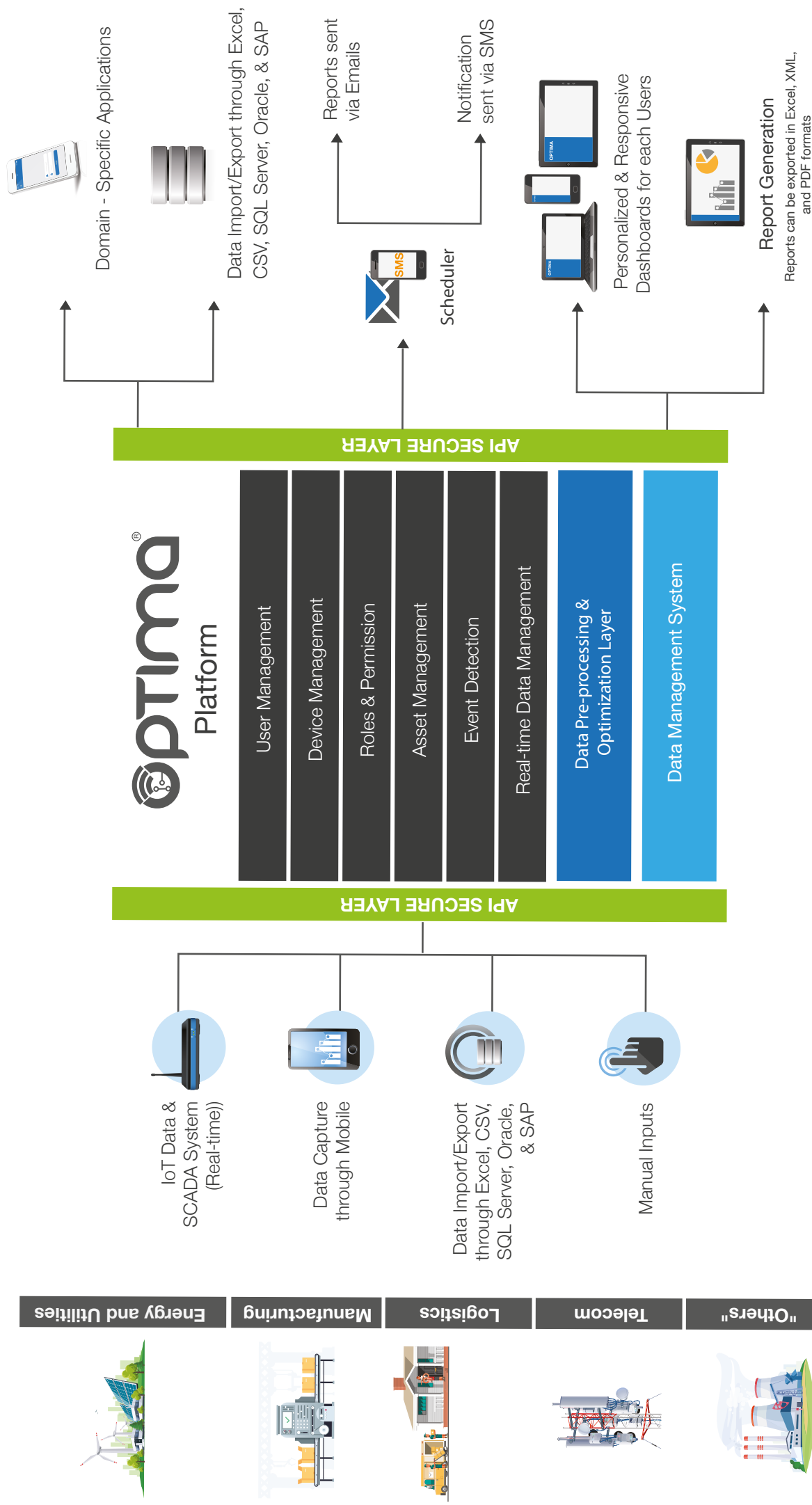
INNOVATE. TRANSFORM. CREATE VALUE

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 asset 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 IOT SOLUTIONS

- ✓ Tower Management Solution
- ✓ Digital Oilfield Monitoring and Management Solution
- ✓ Food Monitoring Solution
- ✓ Access Control Monitoring Solution
- ✓ Smart Water Monitoring System
- ✓ Fleet Management
- ✓ Power Grid Monitoring Solution
- ✓ Asset Monitoring Solution
- ✓ Battery Monitoring Solution
- ✓ Fuel Monitoring Solution
- ✓ Energy Monitoring Solution
- ✓ Automating Meter Reading System

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”



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