

Connecting the Physical to the Digital with our IoT Solutions



Kellton Tech's IoT products are aligned to the core areas of the value chain which enables us to effectively meet business needs and requirements. We combine our domain and technical expertise to develop configurable and customized end-to-end industry-specific solutions that make smarter homes, smarter cities, smarter infrastructure, smarter operations, and even more intelligent wearables. Our easily implementable intelligent solutions—help get products to consumers quickly.

Industries We Serve



Telecom



Healthcare



Food &
Beverages



Manufacturing



Energy and
Utilities



Banking &
Insurance



Retail



Logistics

Product Portfolio

Tower Management Solution

Designed and developed exclusively for Telecom operators, Telecom companies, Passive Infrastructure providers, and other turn-key Telecom service providers, this is an IoT-solution with smart integrated products to monitor, manage, and control cell tower assets and base shelters.

- Power management
- Fuel and energy management
- Alarm management
- Asset management
- Shelter management
- Load management
- Network operation management
- Business Intelligence
- Disaster recovery



Digital Oilfield Monitoring and Management Solution

This is an end-to-end IoT solution that remotely connects and manages devices and collects data from satellite, cellular, or fiber optic network.

- Remote asset monitoring and management
- Inventory management
- Device provisioning and commissioning
- Device configurations
- Steady state, dynamic simulations
- Event detection
- Failure analysis

Food Monitoring Solution

Food Monitoring Solution is an IoT-based food monitoring system to help restaurants, food storage facilities, and other related businesses monitor food standards through real-time data transfer.

- Temperature monitoring in refrigerators and freezers to capture data related to cooking, cleaning, and delivery checks
- Secure transfer of safety information
- Real-time dashboard updates



Access Control Monitoring System

This is an active RFID-based access control system that does not require users to carry any proximity card reader for access. Unauthorized entries flag an alert in the server and switch on an optional hooter at the site.

- Active RFID-based access card entry
- Wireless control on doors

Smart Water Monitoring System

The system monitors and manages water flow and regulates water usage issues from time to time.

- Meter data management
- Water flow management
- Analytics



KLGame™

KLGAME™ (Kellton Tech Location-based Gamification, Analytics, and Rich Messaging Engine) is a platform that sends notifications (text, audio, or video) to the users using smartphones and other wearable devices.

- Automated check-ins
- Navigation assistance
- Event networking
- Information and lead tracking
- Gamification
- Crowd management
- Location-based advertising
- Promotions and offers
- Push notifications
- Monitoring and security
- Exhibitor quantification



Power Grid Monitoring Solution

Power Grid Monitoring is a smart grid solution that keeps a check on the sudden change in the generation or load within the power grid.

- Remote monitoring
- Smart energy monitoring
- Analytics and dashboards
- Alerts with periodic reporting
- Predictive maintenance

Asset Monitoring Solution

This is a newly developed RFID active reader that can be used in vehicle access control, toll collection, personnel tracking, building security, and other access control related applications.

- Standard application interfaces
- Communication interface
- Asset tracking and management
- Inventory control management
- Retail facility management



Battery Monitoring Solution

This is a remote, wireless battery health monitoring solution that facilitates proactive and preventive maintenance of batteries for a range of industries including medium to large-scale data centers, Telecom towers, Switching stations, Hybrid power installations, Railways, Telephone and telegraphic exchanges, Defense, and other infrastructure verticals.

- Web-based remote monitoring of battery banks
- Estimate backup power in the bank
- Real-time monitoring of voltages
- Business intelligence
- Alert management
- Network operation center

Fuel Monitoring Solution

This uses capacitive level technology to provide real-time information on the Diesel Generator's (DG) fuel level, run hours, running status, and battery voltage.

- Fuel level measurement
- Fuel pilferage and refill detection
- Network operation center
- Detection of DG start and stop with inbuilt accelerometer



Energy Monitoring Solution

This records, analyses, and notifies the energy information to the users, keeping a check on energy usage.

- Electricity usage and consumption management
- Business intelligence
- Load consumption management
- Cost control
- Energy management



Automating Meter Reading System

This enables remote data transfer and automatic meter reading using an intelligent device connected to an electronic energy meter. This system can be installed at consumer premises, substations, and distribution transformers to collect data.

- Internal and external communication
- Customization to specific utility demands
- Monitors meters and logs data
- Remote configuration
- BITF (Built-in Test Feature)
- DOTA (Download Over The Air)
- Failure alerts and no load indication

The Kellton Tech Advantage

- Dedicated IoT lab with requisite infrastructure
- Experience in delivering connected solutions
- Experience in delivering IoT innovation strategy and creating tangible business impact
- Developing cost-effective solutions using open source tools and technologies
- Experience in aggregating and analyzing huge amounts of unstructured data from multiple sources to deliver actionable business insights

For more information,
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Kellton Tech is a global IT solutions organization servicing clients in Banking, Financial Services, and Insurance, Retail and E-commerce, Chemicals, Distribution, Manufacturing, Media, Entertainment & Lifestyle, Oil & Gas, Real Estate, Travel, Tourism & Hospitality, Government and Non-Profits, Healthcare, Construction, Energy and Utilities, ISV, and Food and Beverages. Leading with its service vision "Infinite Possibilities with Technology," Kellton Tech is committed to delivering solutions and exceptional value to its clients.

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