



SMART CITIES

CREATING INTERCONNECTED ENERGY EFFICIENT CITIES



CONNECTING THE SILOS FOR GROUNDBREAKING INSIGHTS

Legend's smart city platform allows private, municipal, and governmental agencies to bring currently disparate systems into harmony to efficiently manage resources, assets and systems.

At present, so much of our energy tracking and management depends on manual data entry and planning. Further, most systems depend on separate contracts with different providers, all silo-ed by a lack of corporate, municipal, and governmental collaboration. By enabling these systems with connected devices, we generate groundbreaking insights via the real-time transfer of previously unprocurable data.

LEGEND ANALYTICS™ ACTS AS YOUR CITY'S CENTRAL NERVOUS SYSTEM

As municipalities deploy sensors and connectible devices across cities and towns, Legend Analytics™ acts as the central nervous system for these connected devices, allowing them to work together in a single, intelligently functioning system.

Our platform uses an encrypted, two-way, and highly energy efficient wireless network. Our wireless protocol drastically extends battery-life, allowing two-way, encrypted communication every 5 minutes or less. The network also operates mission critical data communication, as well as passive data collection, in protected, silo-ed channels to ensure security. Legend's Analytics platform is entirely sensor and device agnostic, able to connect to all existing and future infrastructure installations.



ENERGY



**ENVIRONMENTAL
SENSORS**



WATER & WASTEWATER



TRANSPORTATION

BENEFIT FROM AN INTEGRATED SYSTEM



INFRASTRUCTURE

The Legend Analytics™ platform clearly demonstrates the cost and resource savings of all infrastructure changes and improvements.



ANALYTICS

Our analytics platform enables our clients to maximize their resource efficiency, optimize labor and inform their energy procurement strategy.

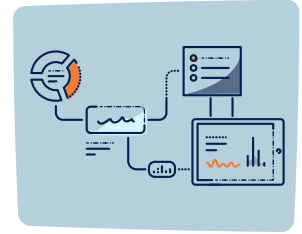


MARKETS

We make use of the real-time analytics to manage your energy strategy, maintain compliance, and navigate regulatory challenges.

ESG DATA COLLECTION & REPORTING

Legend makes ESG data actionable by capturing it in real-time and equipping front-line workers with the tools they need to track more granular operational information. We eliminate arduous, manual reporting processes while improving accountability, transparency and sustainability performance.



REAL-TIME EFFICIENCY & PRODUCTION DATA

DAILY ENVIRONMENTAL REPORTING

EMISSIONS TRACKING AND EVENT ALERTS

REAL-TIME ENVIRONMENTAL ALARMS

AUTOMATED ANNUAL ESG DATA REPORTING

REAL-TIME MUNICIPAL OPERATIONS MANAGEMENT

Legend Analytics™ is your intelligent control center to track all disparate operational components across a city, drastically reducing your natural resource intensity, labor costs and incidences of failure. We provide comprehensive data management via machine learning and proprietary AI to empower users with actionable intelligence and programmed reactions to machinery malfunctions or process failures.



FACILITY MONITORING

DOWNTIME TRACKING

EFFICIENCY CONSULTING

ENHANCED METERING

AUTOMATED ALERTS, ALARMS, REPORTING, AND TICKETING

REAL-TIME COST ANALYSIS

Almost all financial indicators lag behind operations by weeks or months in the form of utility bills and supplier invoices. The LegendAnalytics™ platform allows you to track your spending in real-time for an integrated and actual cost metric.



INTEGRATED COST MONITORING

PREDICTIVE ENERGY DEMAND



“LEGEND PROVIDES MISSION CRITICAL DATA ACROSS OUR INFRASTRUCTURE THAT HAS NEVER BEEN CAPTURED BEFORE DYNAMICALLY IMPROVING OUR ABILITY TO MANAGE OUR SYSTEM IN REAL-TIME.”

SYSTEM MANAGER
Municipal Water District

JOIN THE ENERGY REVOLUTION

DO YOU KNOW WHERE YOUR ENERGY IS GOING?

Achieve your supply and demand-side energy goals and drive operational efficiency improvements in all aspects of your business today.

CONTACT US: +1 713-234-1000 team@legendea.com