VARIDX
A SMART CITY PLATFORM



Smart City Platform

Varidx's unified Smart City Platform centralizes critical city data through a user-friendly dashboard, providing a holistic view of operations, events, and activities. This comprehensive platform integrates data from diverse sources, including sensor networks, security cameras, and external feeds like weather and public safety alerts.

Empowering Stakeholders and Residents: The platform fosters resident engagement by disseminating information and updates on relevant events. City staff benefit from real-time alerts on critical infrastructure issues and automated facility management functionalities. This combined approach streamlines workflows, optimizes resource allocation, and reduces unnecessary travel and energy consumption, ultimately promoting sustainability and generating significant time savings for city stakeholders.


Sensors


Camera


Gates


Displays



Parking Lots

The Varidx Smart City Platform caters to cities of all sizes. It can be deployed with a minimal configuration using just a few sensors and it seamlessly scales to accommodate thousands of sensors as your city's needs evolve. This flexible approach ensures cost-effectiveness and allows you to adapt the platform to your specific requirements.

Seamless Sensor Integration

Plug-and- play compatibility: Varidx offers out-of-the-box integration with See Insights sensors, enabling real-time data visualization and automated threshold-based alerts.

Extensive Sensor Support: The platform seamlessly integrates with a wide range of sensors, including flood sensors, occupancy sensors, trail counters, and more (mention a few key categories like environmental, traffic, etc.). Additionally, it supports various camera types (optical and thermal) and car counters.

Device Actuation: Varidx goes beyond data collection by connecting with actuation devices like gates, warning signs, and LED lights based on pre-defined rules and schedules.

Enhanced Use Cases Across Departments

The comprehensive integration enabled by Varidx empowers various city departments to tackle critical use cases:

Parks and Recreation: Monitor Park usage (occupancy sensors, trail counters) and environmental conditions (moisture sensors) to optimize resource allocation and maintenance schedules.

Emergency Management & Public Utilities: Continuously monitor stream levels (water level sensors) and rain gauges for flood risk. When thresholds are breached, automated alerts are sent to relevant departments (Public Utilities, Emergency Management, Public Safety) for swift action, such as traffic diversion, resident notification (SMS), and remote activation of flashing lights.

Improved City Operations

Varidx fosters collaboration between city departments, residents, and emergency responders by providing a unified platform for:

Real-time situational awareness: Streamlined data visualization empowers informed decision-making.

Enhanced emergency response: Faster reaction times due to automated alerts and coordinated response efforts.

Resident engagement: Timely notifications keep residents informed and prepared.

This holistic approach leads to improved public safety, efficient resource utilization, and a more responsive city government.

Varidx is available in Starter and Enterprise versions providing more buying options. Feature comparison below

Features	Starter	Enterprise
Integrated dashboard	✓	✓
Tiles for each facility	✓	✓
See Insights IoT sensors integrated	✓	✓
Public view		
Facility status display	✓	✓
Facility notification display		✓
SMS and Email alerts subscription		✓
Data Export		✓
Administrator view		
Single sign-on integration	✓	✓
Set facility status	✓	✓
Integrated sensor detailed graphs	✓	✓
Weekly reports	✓	✓
Three years data storage		✓
Data analytics		✓
Custom reports		✓
Gate and signages - automation		✓
Threshold based rules engine		✓
API access		✓
Number of authenticated users	5	100
Custom integration with other IoT sensors		✓
Custom integration with camera vision processing		✓
Email support. Monday – Friday 9 am – 6 pm ET	✓	✓
Phone support. Monday – Friday 9 am – 6 pm ET		✓

For more information contact Varidx

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