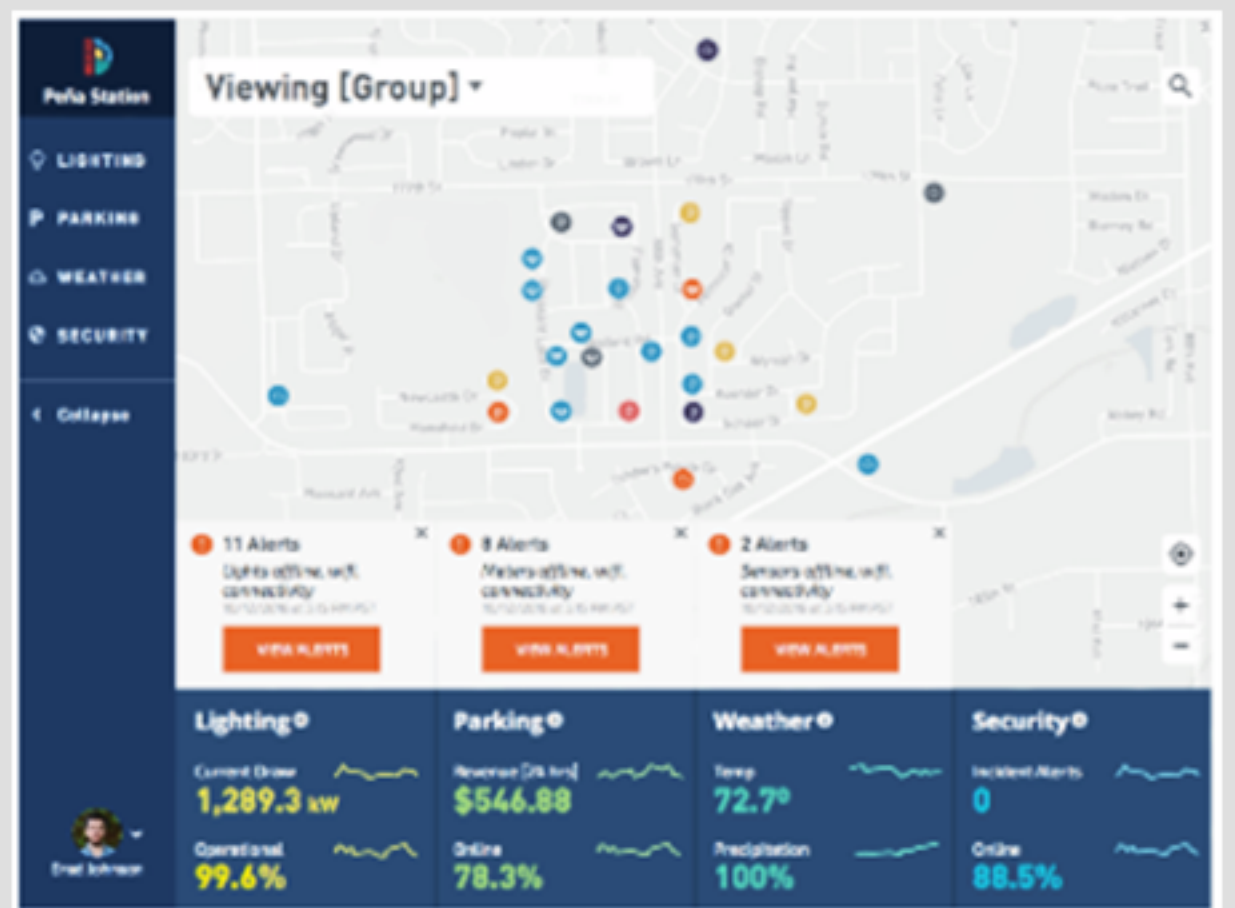
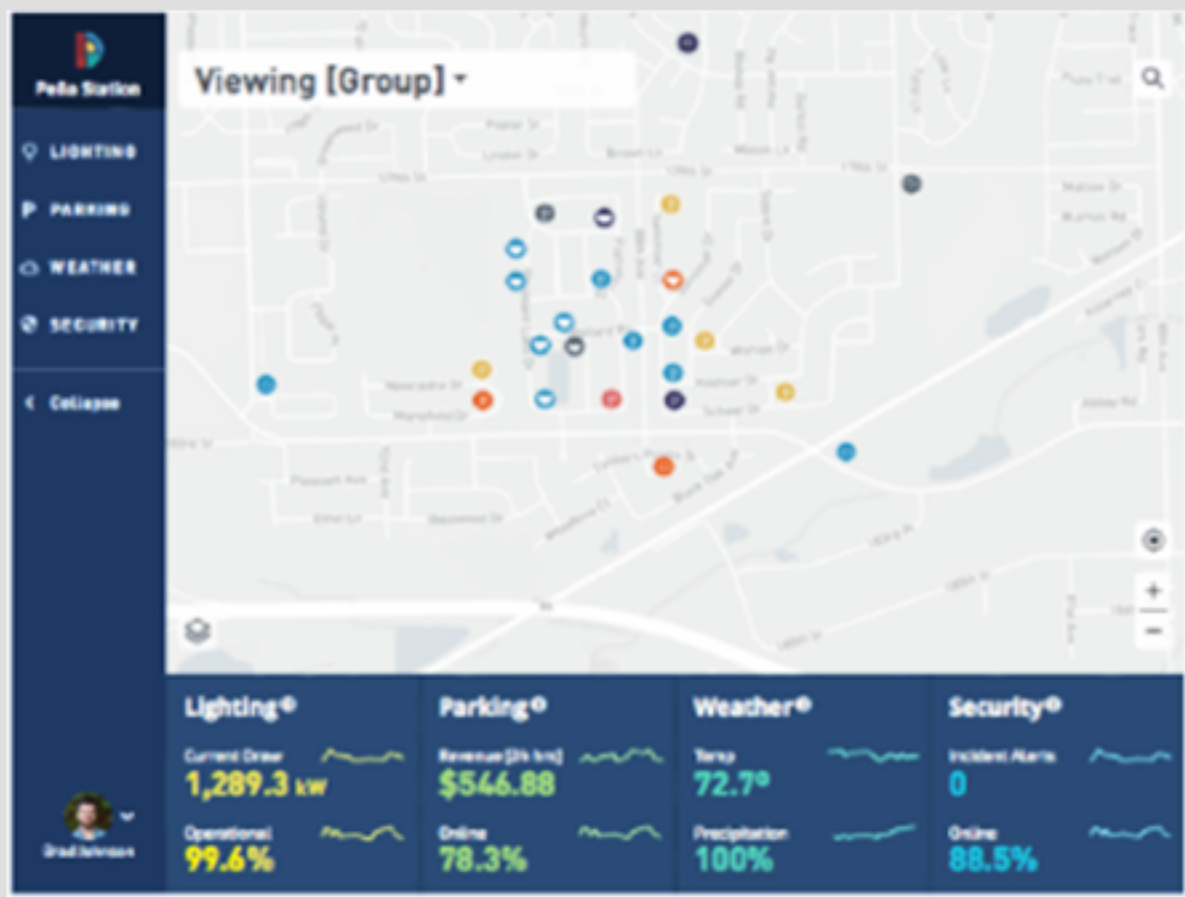


CITYWIDE



Panasonic CityWIDE

SMART CITY INFRASTRUCTURE MANAGEMENT PORTAL

What is it?

Panasonic CityWIDE is a secure, cloud-based software portal for managing diverse smart city infrastructure, with both real-time monitoring as well as command/control capability. It integrates smart street lighting, environmental sensing, smart parking, and other technologies and data streams.

Why does it matter?

Too often, city departments, infrastructure, and technology sit in silos, separate from one another. By integrating multiple technologies through a single portal, CityWIDE streamlines city operations, enables better data insights, and more.



Argonne Array of Things

ENVIRONMENTAL SENSING FOR CITY STREETS

What is it?

Originally developed by Argonne National Laboratory—and now deployed by Panasonic CityNOW for smart city efforts in Denver, Colorado—the Array of Things is an evolving pod of environmental sensors that will be able to measure variables such as weather conditions, air quality, and city activity such as noise levels and vehicle and pedestrian activity.

Why does it matter?

Such real-time insights can allow cities to more-efficiently deploy city services such as snow plows and police/fire when and where they're needed, while also monitoring important health variables for residents and neighborhoods.



Smart Video

CAMERAS WITH BRAINS

What is it?

Panasonic high-definition cameras with embedded “brains” are able to monitor city streets and automatically detect pedestrians, cyclists, and cars. The cameras can also tell which cars are driving vs. parked, what lanes they’re using, etc.

Why does it matter?

The cameras’ intelligence enables myriad, diverse smart city opportunities, from finding available parking to alerting cars of crossing pedestrians to signal timing for improved traffic flow.



Smart Street Lighting

DEEP ENERGY SAVINGS WITH A SMART CITY IOT BACKBONE

What is it?

Energy-efficient LED street lights—coupled with networked control capability that allows on/off/dim/brighten as well as real-time status insights—enables deep energy savings. In addition, the physical light pole and digital communications provide a backbone for additional smart city IoT applications, including sensor and camera deployment.

Why does it matter?

Deep energy savings and optimized operations & maintenance directly benefit cities' financial bottom lines while improving public safety, equity, and other non-energy benefits.



Smart Parking

ALL-INCLUSIVE SMART PARKING METER

What is it?

It's an automated, intelligent parking meter that harnesses the strength of leading digital technologies and software to introduce breakthrough solutions integrating parking, security and community communications with multiple cameras and sensors, built-in speakers, a microphone and a color touchscreen.

Why does it matter?

Coupled with software, it allows smart cities to collect and analyze critical real-time data to make "smart" decisions, automate enforcement and streamline its operations. The platform also enables innovative safety features, such as a 911 help button. In addition, way-finding through mobile application can ultimately reduce traffic congestion while adding additional benefits to the drivers, merchants and City.