

CIO Review

The Navigator for Enterprise Solutions

SMART CITY SPECIAL

MARCH - 24 - 2016

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20 Most Promising Smart City Solution Providers - 2016

The concept of smart cities will redefine how we live in the cities of the future. It is estimated that by 2050, around 70 percent of the population across the globe is going to live in urban areas. Designing and implementing smart cities will be important to tackle the economic, environmental, financial and technical constraints that will accompany this growing population in urban environments.

Today's smart city solutions—built and implemented by IT solutions providers—are enhancing the entire concept at a micro level. However, it has to be done in a bigger and broader scale to facilitate smart cities with smart infrastructure. IoT and cloud will be key enablers in this. These solutions will help tackle multiple challenges, such as reducing air, water

and noise pollution, energy conservation, operational savings, public safety, appropriate resource management, improved health and enhanced security. The rapid growth of technology will make the dream of fully integrated smart cities real in the near future.

In order to assist CIOs and other stakeholders in identifying the right smart city solutions providers, CIO Review presents "20 Most Promising Smart City Solutions Providers 2016."

A distinguished panel comprising CEOs, CIOs, VCs, analysts, and the CIO Review editorial board has selected the top Smart City Solution Providers. In our selection process, we looked at the vendor's capability to fulfill the need for cost-effective and flexible solutions that add value to the smart city landscape.



Company:
Qognify

Description:
Provider of Safe/Smart City solution to anticipate, manage and mitigate security and safety risks, maintain business continuity, and optimize operations

Key Person:
Moti Shabtai,
President

Website:
qognify.com

Qognify Fortifying Solutions for Building a Safer and Secure City

“By 2050, approximately two-thirds of the world's population will start living in urban centers, according to estimations,” begins Moti Shabtai, President, Qognify. Growing population, rapid urbanization and migration of billions of people is creating a significant pressure on the existing urban infrastructures. Governments are required, therefore, to maintain basic services, such as water and power, healthcare, public safety and emergency services, all while providing the foundation for economic and social prosperity. These services and policies can be benefitted from a Smart City solution and this is where Qognify comes into play.

By engaging in comprehensive and holistic planning, Qognify ensures cities' security, safety and operational needs are fully met before costly infrastructure and deployment activities are taken.

“**Our Smart City solution includes video surveillance and Situation Management, contributing to cities that are more safe and secure, and keeping daily life moving smoothly for people around the world**

A key element in the Qognify safe city solution is Situator, a Situation Management system that analyzes and correlates all the structured and unstructured data involved in resolving these critical incidents, by time, space, and severity, providing situational awareness and the ability to effectively manage any critical situation.

“With the recent release of Situator 8.0 version, we have introduced the new Operational Intelligence Center (OIC), which takes the solution to the next level, by enabling users to leverage the massive amounts of big data that Situator captures, monitors and correlates, and turning insights from big data into actionable intelligence,” explains Moti. As an example, extreme weather conditions are a challenge that urban centers are increasingly facing. OIC helps to anticipate these

weather conditions impacting a wide range of safety, travel, economics, and emergency services issues. It also enables cities to be more proactive and anticipate events. Its new advanced rule engine works across monitoring large volumes of data and detecting deviations in leading indicators.

Other examples are cases that call for the need to locate the owner of an unattended baggage, an individual suspected of criminal activity, or a lost child. For these situations, where time is of essence, Qognify's

Suspect Search locates and tracks specific people, using a patent-pending algorithm creating a unique body signature, based on an image or description. It then finds and tracks the person of interest across multiple cameras and areas.

“We have just announced a groundbreaking video management solution (VMS). This is a next-generation web-based video management solution (VMS) with extended video surveillance and security management capabilities. VisionHub perfectly fits the challenges in a safe city environment: it takes a smart, strong, scalable and simple VMS that not only manages video to a supreme level but also increase situational awareness and effectively manage security incidents”.

“Our newly developed solution takes VMS to another level, giving organizations the ability to elevate the performance of their security operations and its effectiveness,” says Moti.

“Qognify has vast experience in helping cities around the world manage day-to-day life, as well as large-scale events, from both a security and operational perspective. We are very pleased to be a key player in safeguarding cities such as Nanded in India, Sochi in Russia and many others, contributing to cities that are more safe and secure, and keeping daily life moving smoothly for people around the world,” concludes Moti. **CR**



Moti Shabtai