



GIV-CITY™

GIV Smart City Suite

Vertical Industry Solution using HxGN-EAM™



What is a Smart City?

A Smart City is a city that uses its infrastructure and resources most efficiently. It operates them optimally, keeps them in the best condition with the best maintenance, safety, control and monitoring systems- all in order to provide the highest level of services to its residents.

To make a city a Smart City, specialized systems are required to provide and connect the data, analytics and controls that are needed.

The challenge in becoming a Smart City is that cities already use multiple, disconnected software and hardware systems to manage their operation.

GIV Solutions specializes in taking these existing legacy city systems and integrating them together into one, holistic “system of systems” with integrative business processes. Our GIV-City™ suite also provides additional modules that complete required Smart City functionality areas, such as:

- Safety and security
- Digitalization and resident services
- Sustainability, environment and waste management
- Efficiency and optimal utilizations

GIV-City™ Suite:

- Tailored integration of disparate legacy city systems into one holistic system
- Automation of business processes based on data and on rules
- BI, operations & decisions support tools that integrate economical, engineering, service, maintenance & logistic aspects.
- Centralized management of all city assets
- Condition based, monitored predictive maintenance.
- Centralized contract, warranty and SLA management
- Flexible optional modules to provide missing functionality, including:
 - Sustainability and environment
 - Traffic
 - City events planning
 - Conformity and regulation enforcement
 - Staff certifications and work order assignment
 - JIT logistics assignment and conflict resolution
 - And much more..



Case Study – The largest Israeli metropolitan area

The largest metropolitan area in Israel deployed GIV-City™ for use in its mission critical traffic signal management. GIV-Solutions provided its integrated Smart City Suite, that manages thousands of connected assets such as traffic lights and electronic road sign sensors in a unified management smart system. This system operates as the city traffic control center. Alerts and warnings of faulty equipment are received through SCADA interfaces or through resident calls. These proactive alerts then activates smart maintenance work orders assigned and sent directly to dedicated engineers' mobile, and follows up on their timely completion. Additional modules manage inventory for spare parts and tools SLA and warranty enforcement, regulatory compliance, inspections and more.



GIV Solutions Ltd – About us:

GIV Solutions Ltd. was founded in 2001, to innovate and implement cutting edge organizational IT Solutions.

GIV Solutions specializes in service-oriented industries that rely on large scale or complex infrastructures and logistics.

In the last 20 years GIV Solutions planned and implemented projects for organizations that construct, operate and maintain Cities, Water, Energy & Transportation.

GIV-CITY™ for smart cities has been chosen & implemented successfully in Israel's smart cities.

Smart City Suite and all its vertical solutions are distributed by GIV-Solutions globally, directly and through a network of partners.

GIV Solutions is a HxGN EAM™ partner and innovation center for the Smart City vertical solutions and integration.

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