



SMART CITY

by SIMAC TECHNIK

BASED IN THE CZECH REPUBLIC COVERING EU

We are a leading systems integrator specialising in the design, implementation and support of information and communication systems. We are active not only on the Czech and Slovak market but deliver our solutions Europe-wide. We are part of Simac Techniek N. V., a multinational holding company headquartered in Eindhoven, the Netherlands. One of our key focus areas are solutions for smart cities.

Simac Techniek N.V. organogram in Europe

Foreign ICT companies	Specialized operating companies	Participations
Simac NV (België)	Simac Electronics bv	Learning Solutions
	Simac Masic & TSS bv	Aquestora
Simac PSF sa (Luxemburg)	Simac QuadCore bv	BRE
	Simac Triangle bv	Genexis
	Simac Document Solutions bv	HSLnet
Simac Technik CR as (Czech Republic)	XYZtec bv	Sensite Solutions
		Treams
		Passengera
		Vital10
		Simac Professional



Smart Traffic – eliminating congestions

Traffic plays the same role in the city as the central nervous system in the human body – it is a vital function and a congestion in one of the major fibres can cause a collapse. We offer a solution with a central control panel that adjusts the timing of traffic lights in the event of a congestion to help restore a smooth traffic flow.



Smart Parking – finding a parking place easily

Parking capacities are not inflatable in any city. Overcrowded parking lots force drivers to circle the streets, desperately looking for a vacant place. We offer a joint solution with our partners comprising embedded in-road sensors that navigate the driver to the nearest available parking via a mobile application.



Smart Lighting – turning up the lights only when needed

Street lights shining brightly but not a soul in sight? We work with our partners to provide a solution leveraging the latest LED technology to cut your energy bill. Intelligent street lighting can automatically adjust itself to local conditions, such as the pedestrian traffic.



Smart Transportation – travelling for the 21st century

The time is long gone when passengers were content with finding a free seat on the bus. We will help you make travelling around the city a pleasant experience. Busses are equipped with on-board Wi-Fi, passengers receive traffic and other important information in real time, and the operator can analyse utilisation to adjust its services accordingly.



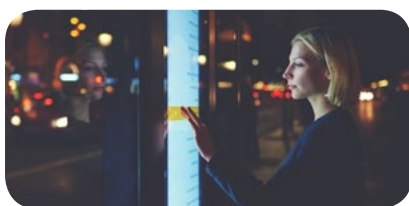
Smart Security Cameras – safety & security first

Safety and security pose a challenge to any modern city. We work with our partners to provide a solution leveraging computer vision and artificial intelligence to analyse continuous video feeds from security cameras in real time, enabling a timely response to suspicious behaviour, incidents and emergencies.



Smart Senior Care – finding a quick help

















Elderly people often need special care and assistance and a sudden worsening of their health condition may be life threatening. We offer a solution with wearable devices that monitor the vital functions and automatically call for medical help in emergency.



Smart Stations – waiting comfortably

The first experience with municipal transport for most people starts with waiting at a stop. We work with our partners to make waiting for a bus or tram an enjoyable experience, with WiFi connectivity, status displays with waiting times, mobile device chargers and other amenities.

We work with the following partners to make your city really smart:

 BALABIT CONTEXTUAL SECURITY INTELLIGENCE	 CERTICON	 CISCO	 Extreme networks	 f5	 Hewlett Packard Enterprise
 Check Point SOFTWARE TECHNOLOGIES LTD.	 icomera	 Microsoft	 NetApp	 ORACLE	 Passenger
 Schneider Electric	 SIEMENS	 VEEAM	 vmware		