

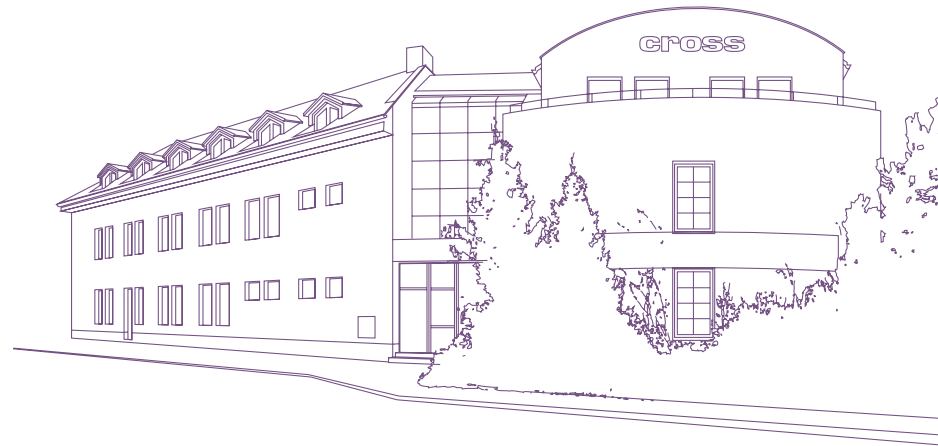
cross[®]



ROAD TRAFFIC TECHNOLOGY

TRAFFIC CONTROL
TRAFFIC DETECTION
WEIGH-IN-MOTION
ROAD WEATHER
PARKING SYSTEMS
TRAFFIC VIOLATION
SOFTWARE SOLUTIONS

CROSS Zlín



VISION

To see our technology and products deployed worldwide and to help our clients and customers fulfil their goals, while making traffic and transportation smoother, safer, and more sustainable.

MISSION

To be at the forefront of innovative road traffic technologies development, while serving our clients and customers with the highest level of care and flexibility.

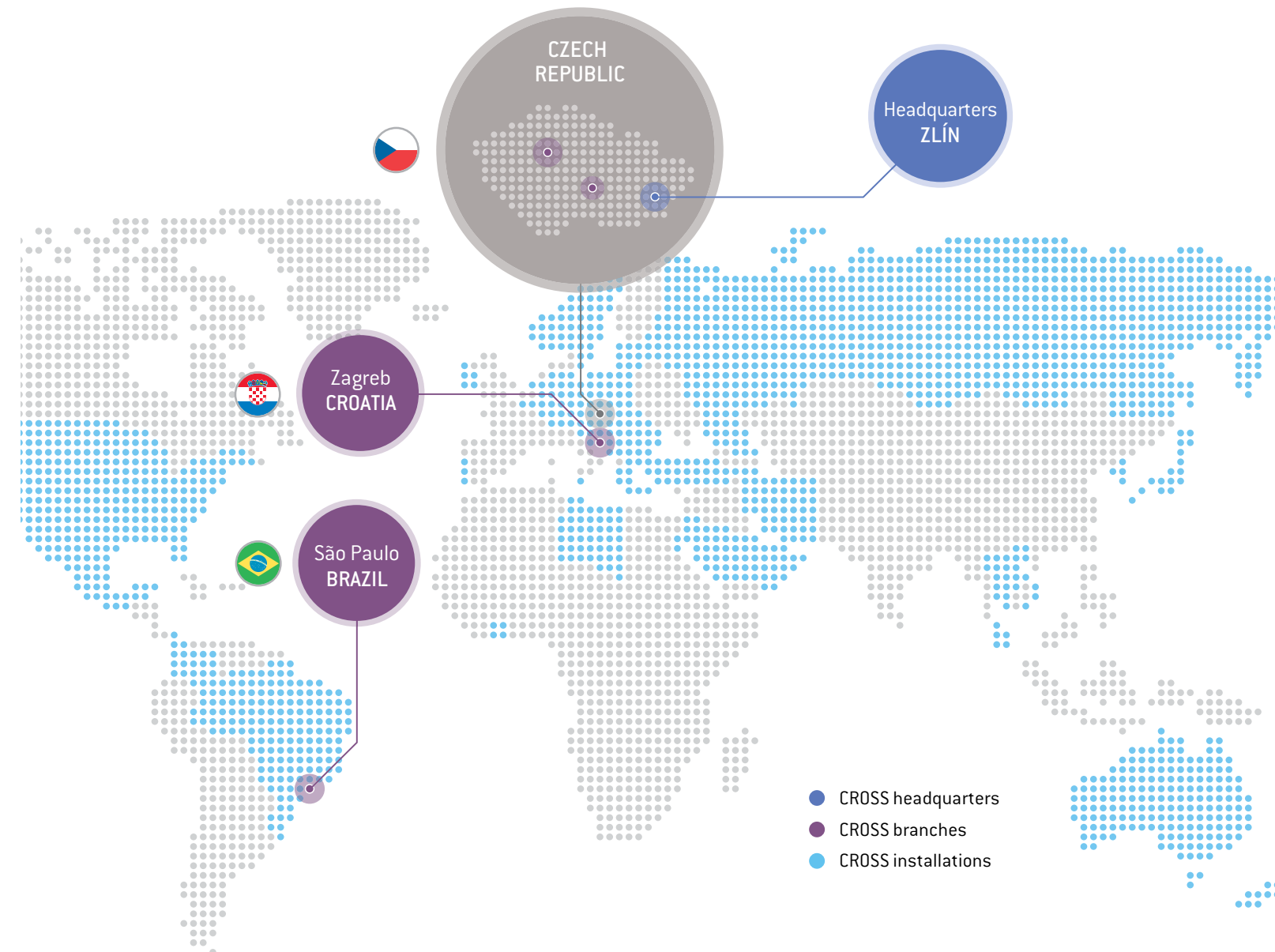
CROSS Zlin, a.s. has more than 20 years of experience in the field of smart traffic infrastructure and ITS. CROSS capabilities include development, manufacturing, delivery, installation, system integration, and maintenance of top technological components. CROSS is one of the biggest Czech-owned companies in the field of developing and production of traffic technology. All products (hardware and software) are developed and produced in-house.

The company product lines cover a wide range of road traffic technologies. They include traffic control products, traffic detection and weigh-in-motion technologies, road weather and winter maintenance support systems, traffic violation systems, and finally pro-export oriented parking and payment systems.

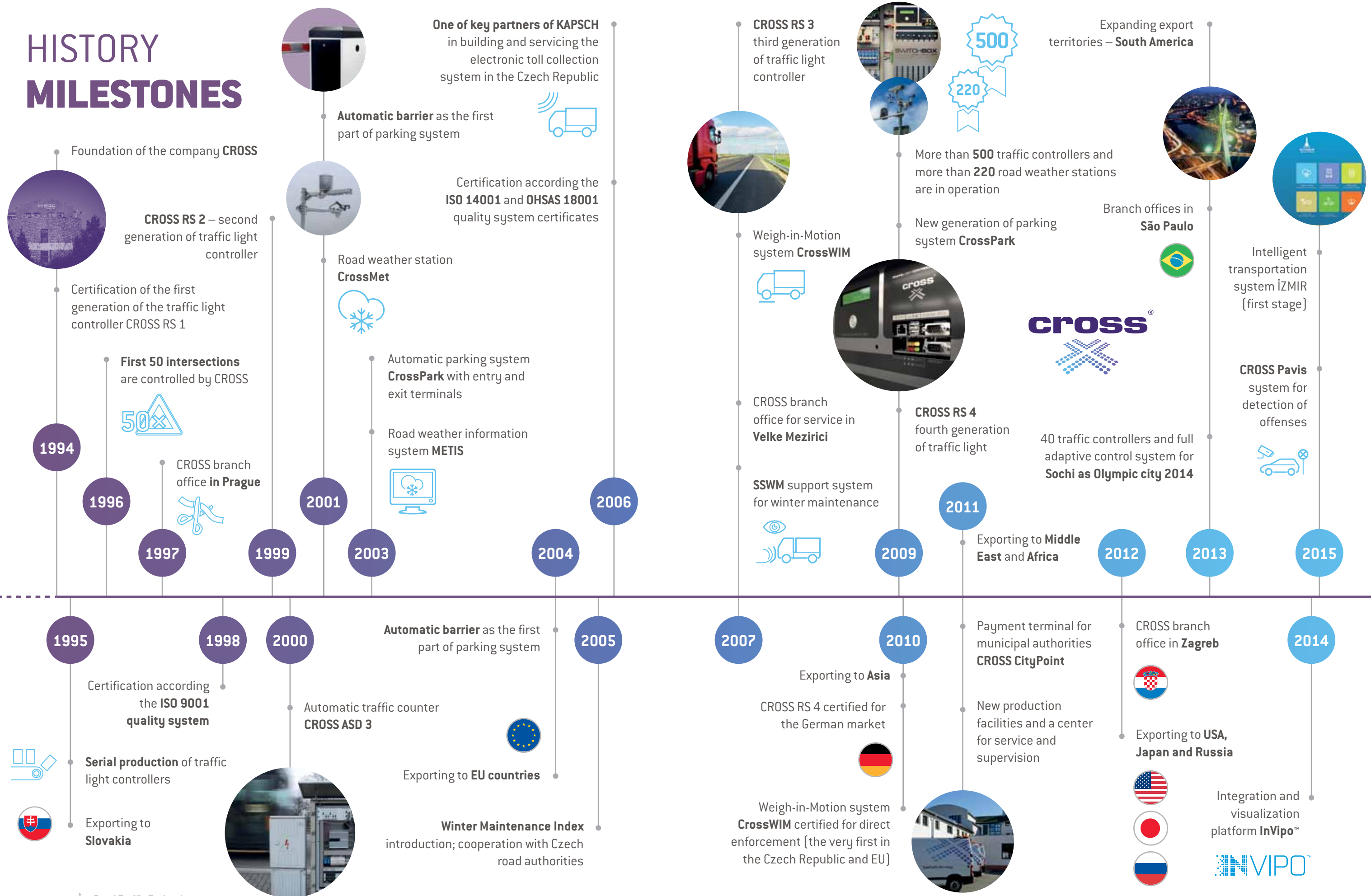
CROSS is a well-established and steadily growing private company. It is 100% Czech-owned, and has been profitable every year since 1994.

The company HQ and the main manufacturing and development facility is located in the city of Zlín – in the eastern part of the Czech Republic. Company branches are located in Prague and Velke Mezirici. CROSS has established worldwide subsidiaries, namely CROSS Tehnologije in Zagreb, Croatia and also CROSS ARCO in São Paulo, Brasil.

CROSS is a holder of the ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 quality system certificates.



HISTORY MILESTONES



REFERENCE PROJECTS

Even though CROSS is a Czech owned company and is well established in the EU market, the company strategy is export-oriented to new global markets. Since the beginning of its export activities in 2004, CROSS export market share has been constantly growing. To date, two foreign branches have been opened in Croatia (Zagreb) and Brazil (Sao Paulo). CROSS products have been installed and are in operation in over 40 countries worldwide, on five continents. Apart from European countries, CROSS has successful installations in Japan, East Asia, the Middle East, Africa, North and South America, Australia and New Zealand.

Our success on the international market is thanks to a comprehensive and adaptable product range paired with a flexible approach and strong customer support.



Adaptive Traffic Control and Public Transport Preference
CROSS RS 4, eDaptiva
Czech Republic, Zlín



Parking System CrossPark
USA, Cleveland



Parking System CrossPark
Slovakia, Bratislava



Parking System CrossPark
Czech Republic, Brno



Weigh-in-Motion – CrossWIM
Iran



Direct Enforcement Weigh-in-Motion CrossWIM
Czech Republic, Zlín

Adaptive Traffic Control
CROSS RS 4, eDaptiva
Russia, Sochi



Weigh-in-Motion – CrossWIM
Saudi Arabia



Traffic Detection CrossCount and Road Weather CrossMet
Bulgaria



Adaptive Traffic Control
CROSS RS 4, eDaptiva
Russia, St. Petersburg



Road Weather CrossMet, METIS
Czech Republic, highways, motorways and 1st class roads



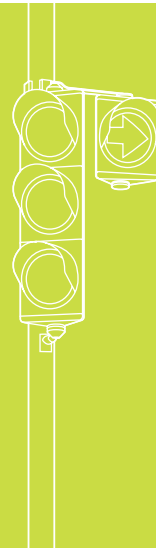
Intelligent transportation system
Izmir, Turkey



CROSS PRODUCT OVERVIEW

TRAFFIC CONTROL

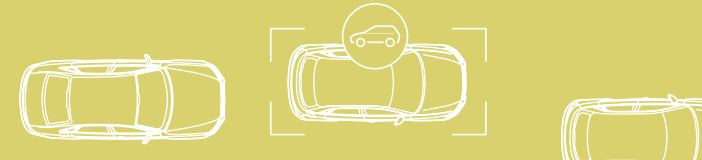
Systems for intelligent traffic control, including traffic light controllers and software for monitoring, maintenance, and full control over the urban traffic.



- CROSS RS 4** – Traffic light controller
- CROSS RS 4S** – Traffic light controller
- eDaptiva*** – Full-featured urban traffic management center
- CROSS PTC** – Maintenance and programming software

TRAFFIC DETECTION

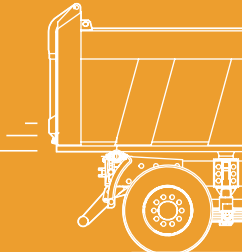
Systems for traffic counting and vehicle classification based on inductive loops and Bluetooth technology. Traffic flow monitoring and travel time calculation.



- CrossCount** – Traffic counter and classifier
- BTTT Module** – Bluetooth traffic detector, travel time prediction

WEIGH IN MOTION

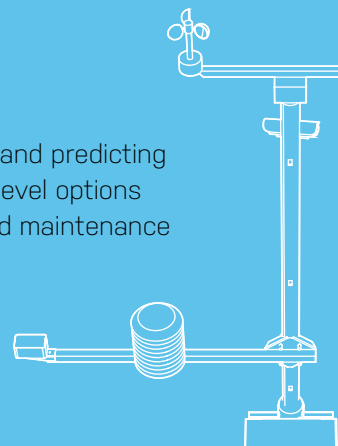
Advanced Weigh-in-Motion system, based on loop detectors, combined with road sensors and a core WIM module. CROSS software enables on-line measurement, immediate validation, and also direct enforcement.



- CrossWIM** – Pre-selection and enforcement Weigh-in-Motion

ROAD WEATHER

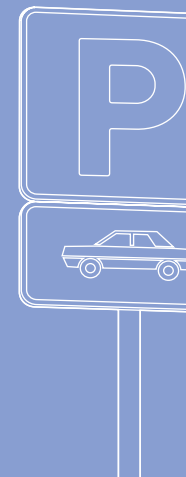
Systems for monitoring and predicting road weather and multi-level options for intelligent winter road maintenance management.



- CrossMet** – Control Unit and Datalogger
- METIS** – Advanced road weather information system
- SSWM** – Maintenance decision support system
- Wmi** – Winter Maintenance Performance and Cost Analysis

PARKING SYSTEMS

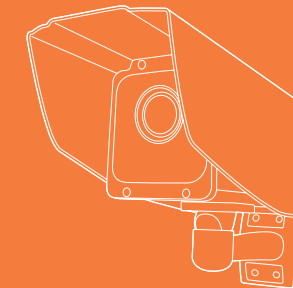
A complete solution for on- and off-street parking – parking lots, parking areas, car parks, garages. All devices are integrated into a system for parking management and control.



- CrossPark** – Automatic barrier parking system
- CROSS APTM** – Automatic Payment Terminal
- CROSS APTL** – Payment station

TRAFFIC VIOLATION

CROSS Pavis - solutions for the elimination of illegal stopping and parking on the streets of city centers.



- CROSS Pavis** – Parking violation system

SOFTWARE SOLUTIONS

Universal and independent software packages, suitable for CROSS product lines as well as for third party products. The applications are designed for monitoring, data validation, and full real-time control over the traffic systems and devices in daily use.

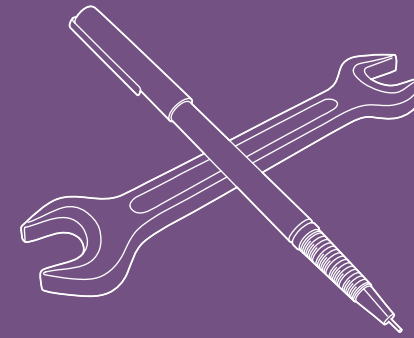
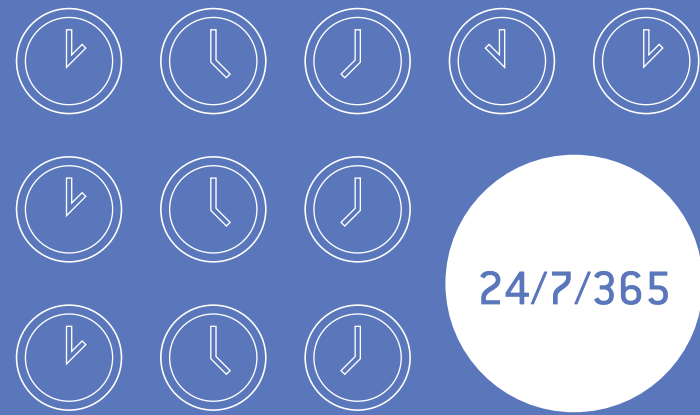


- InVipo** – Web-based Integration and visualization platform for on-line monitoring and management
- CROSS Pearer** – Data collection and validation service



MONITORING DESK

All CROSS systems and technology in operation are under constant monitoring by an in-house supervisory center, located in the company headquarters. The center provides operators 24/7/365.



SERVICES

CROSS provides a wide range of services. In addition to device servicing, regular and preventive maintenance of its own products and systems, CROSS also offers traffic-engineering design and other specialized engineering activities. The high qualification of CROSS engineers means it is possible for us to be involved in specific national or international projects and development activities.



QUALITY SYSTEM CERTIFICATES



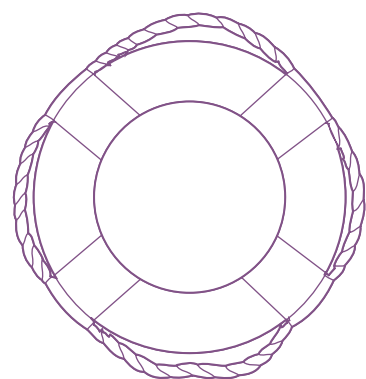
ISO 9001:2008



ISO 14001:2004



OHSAS 18001:2007



HELPDESK

For the management of non-standard situations and system defects, CROSS operates a ticketing system for customer communication and for status monitoring of reported events. Troubleshooting, as well as the provision of professional advice is the responsibility of a team of trained specialists.

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