P

cross®

THE CHOICE FOR
HARMONIC PARKING

PARKING SYSTEMS

PARKING SYSTEM
CROSS**PARK**

NAVIGATION AND
INFORMATION SIGN

PARKING GUIDANCE SYSTEM PGS

CAMERA LPR

CAMERA LPR

BARRIER
CROSS **AZN**

EXIT TERMINAL
CROSS **VT**

ENTRY TERMINAL
CROSS **PT**

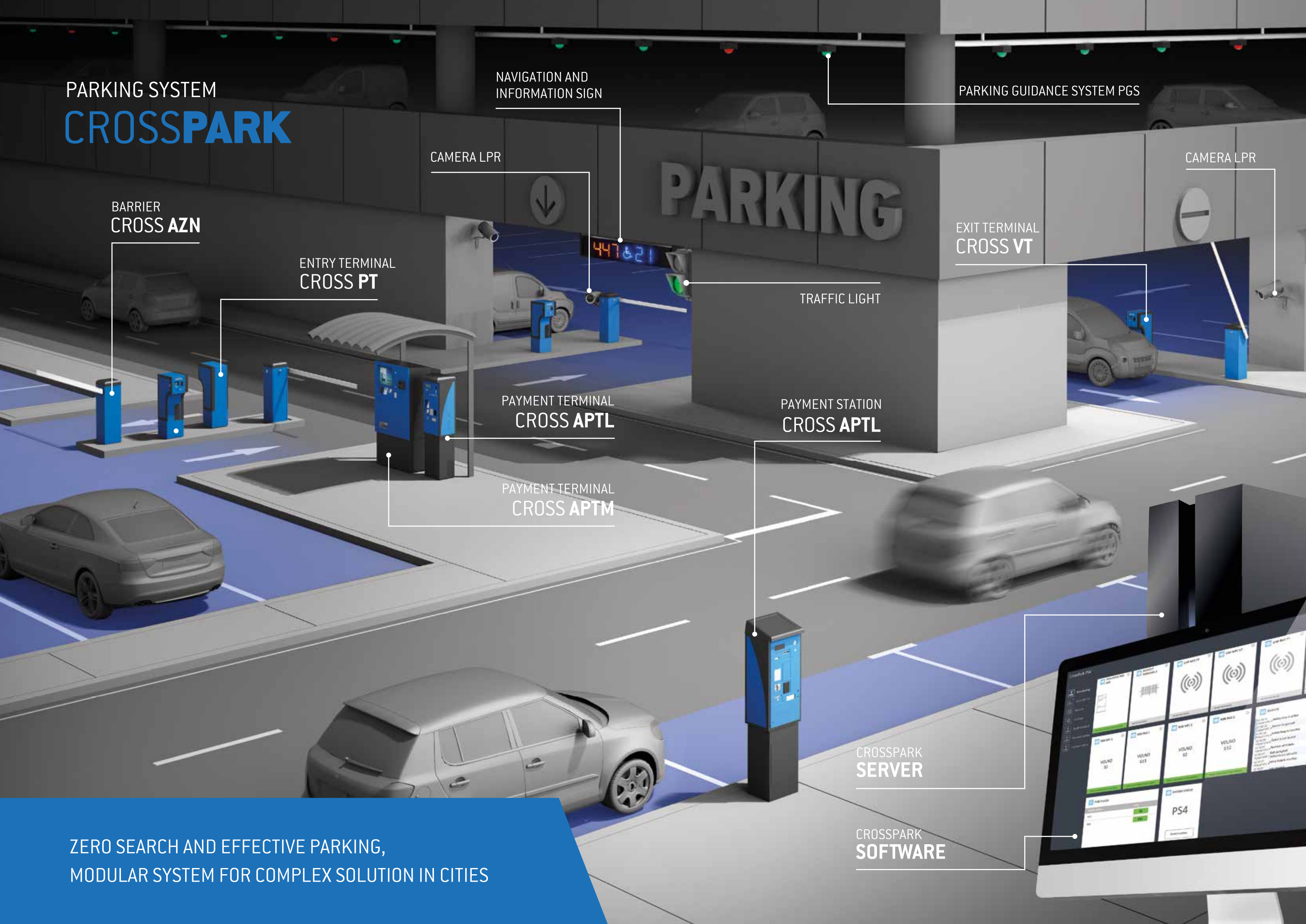TRAFFIC LIGHT

PAYMENT TERMINAL
CROSS **APTL**

PAYMENT STATION
CROSS **APTL**

PAYMENT TERMINAL
CROSS **APTM**

CROSSPARK
SERVER

CROSSPARK
SOFTWARE

ZERO SEARCH AND EFFECTIVE PARKING,
MODULAR SYSTEM FOR COMPLEX SOLUTION IN CITIES

PARKING SYSTEM
CROSS**PARK**

CrossPark is an adjustable and universal parking system that includes wide range of optional components for parking entrances and exits management, devices for navigation inside and outside parking areas, available spaces monitoring, payment terminals and other payment channels for the general public as well as for payments under particular regime (i.e. for residents, hotel guests, etc.). The CrossPark is fully modular and adjustable according to particular installation requirements.

SHOPPING CENTRES

Entrances and exits equipped with a barrier (CROSS PT, CROSS VT, CROSS AZN), parking tickets terminals with QR codes generation and the option of automatic license plate recognition (CROSS LPR), self-service payment station for comfortable paying. UHF technology enables smooth entry and exit for the shopping centre staff and leaseholders. For marketing purposes (i.e. discount for cinema visitors, etc.) there is an option of using a discount terminal (CROSS Touch).

OFFICE BUILDINGS

Entrances and exits equipped with a barrier (CROSS LT, CROSS AZN), system of vouchers, RFID card reading system, integration to the entrance system of the building. Option to add the system for automatic license plate recognition (CROSS LPR).

PUBLIC PARKING HOUSES

Entrances and exits equipped with a barrier (CROSS PT, CROSS VT, CROSS AZN), parking tickets with QR codes and the option of automatic license plate recognition (CROSS LPR), self-service payment terminals (CROSS APTM), system of vouchers for optional short-term car park rent for various events (conferences, theatre, etc.)

AIRPORTS

Entrances and exits equipped with a barrier (CROSS PT, CROSS VT, CROSS AZN), parking tickets with QR codes and the option of automatic license plate recognition (CROSS LPR), self-service payment terminal (CROSS APTM). The fast entry and exit for the airport staff and official transporters (taxi or public transport) can be arranged with the UHF technology, RFID card reading system and integration with the entrance systems for staff.

HOSPITALS

Entrances and exits equipped with a barrier (CROSS PT, CROSS VT, CROSS AZN), parking tickets with QR code and self-service payment terminals for comfortable parking tickets payment (CROSS APTL), discount terminal for patients (CROSS Touch), RFID card readers for staff and personnel, integration with entrance systems.

PRIVATE PARKING

Entrances and exits equipped with a barrier (CROSS LT, CROSS AZN), RFID card reading system, integration with entrance systems, option to add the system for automatic license plate recognition (CROSS LPR).

UNIVERSITIES AND CAMPUSES

Entrances and exits equipped with a barrier (CROSS LT, CROSS AZN), RFID cards reading system, integration to the entrance system, option to add the license plate recognition system, payment terminals for parking cards charging (CROSS APTL), option to add the system for automatic license plate recognition (CROSS LPR).

HOTELS

Entrances and exits equipped with a barrier (CROSS LT, CROSS AZN), a system of vouchers and/or tickets, payment terminal at the hotel reception with full integration to the hotel system. Option to add the system for automatic license plate recognition (CROSS LPR).

EFFICIENT PARKING
WITH A VALUE ADDED

ON-STREET
PARKING

CROSS parking system provides a complete solution for on-street parking control, from fully equipped parking stations and parking occupancy monitoring to the navigation to free parking spaces. The CROSS solution is suitable for smaller installations with a few parking spaces, as well as for covering whole urban zones.

ON-STREET PAYMENT

The CROSS APTL payment terminal fully supports all regular payment methods, from coins and banknotes to credit cards (contactless payment included) and the option of payment by, for example, a city card. It is possible to set the terminal to the usual payment methods - from having the time period preset upfront with printing the ticket displaying the time value to the payment via entering the license plate number with the option to prolong the time period for parking remotely.
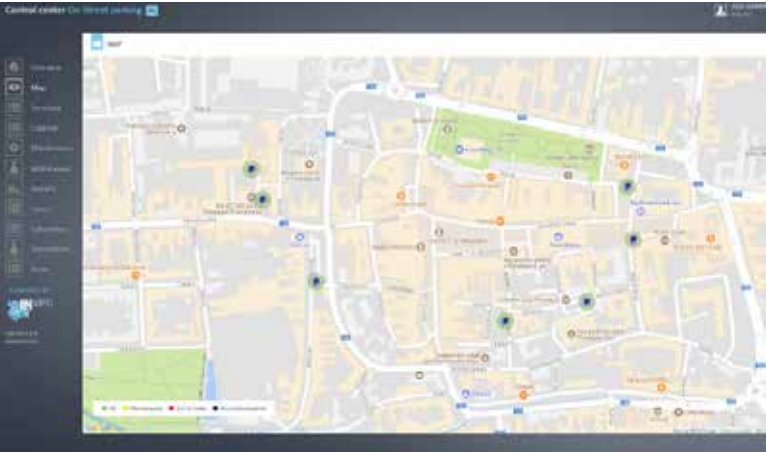
OCCUPANCY MONITORING AND NAVIGATION TO FREE PARKING SPOTS

The occupancy of parking spaces is usually realised by an installation of the sensors into the road. Apart from free/taken status detection, the sensors can also count the time spent on the spot for each vehicle, and to signal potential exceeding of the maximum period (Invipo on-street parking). It is possible to navigate drivers to the free parking spaces, or to the street with free spots by a navigation display installed in the city, or through the application for mobile devices and car navigation.

URBAN ZONES ENTRANCE MONITORING

It is possible to monitor the authorisation of entrance and parking in given zones using the principle of license plate recognition.

UNIVERSAL SOLUTION
FOR THE EFFICIENT URBAN PARKING
CAPACITY MONITORING

CROSS**PARK** COMPONENTS

Entry terminal
CROSS PT

Exit terminal
CROSS VT

Universal terminal
CROSS LT

Barrier
CROSS AZN

Payment station
CROSS APTL

Payment terminal
CROSS APTM

- QR code technology support
- 5000 pcs tickets capacity
- Blue & white LCD display / graphic
- RFID card reader (or third-party card reader) as an option
- Option of an IP video intercom

- Variable 4 direction ticket reader
- RFID card reader (or third-party card reader) as an option
- Option of an IP video intercom

- Parking tickets optical reader
- RFID card reader (or third-party card reader) as an option
- Option of an IP video intercom

- Simple and low-maintenance construction
- Right / left arm position
- Straight or folding arm
- Compatible with inductive loop or infrared sensors
- Lifespan 5 million cycles

- 7" LCD touchscreen
- Payment with coins, banknotes and payment cards
- Change (coins only)
- RFID card reader (i.e. season tickets and residential cards)
- Receipts printer
- Multilingual selection
- Option of an IP video intercom

- 17" LCD touchscreen display with anti-vandal switches
- Payment with coins, banknotes and payment cards
- Change (coins, banknotes)
- RFID card reader (i.e. season tickets and residential cards)
- Receipts printer
- Multilingual selection
- Option of simultaneous use of 2 different currencies
- Option of an IP video intercom

Terminal
CROSS Touch

- 7" touchscreen
- Parking tickets reader
- Discount terminal
- Manual register
- Circulating tickets

CROSSPARK
SOFTWARE

The modular 4th generation of the CrossPark system is easily accessible through a user-friendly web interface available on mobile devices (smartphone, tablet). The CrossPark system can be run on already existing IT infrastructure at the location of installation and it is possible to integrate it via third party systems via the API interface.

APPLICATION FOR ON-STREET PARKING

CROSS Invipo is a web platform enabling a creation of specific monitoring views at more car parks at the same time. It allows the customer to simply and clearly manage all his car parks from one place. The solution can be installed to a local server as well as to be operated in the form of hosted service inside the CROSS infrastructure.

INVIPO®

BASIC FUNCTIONS

- Parking places status monitoring
- Notification about the operational state via SMS and email
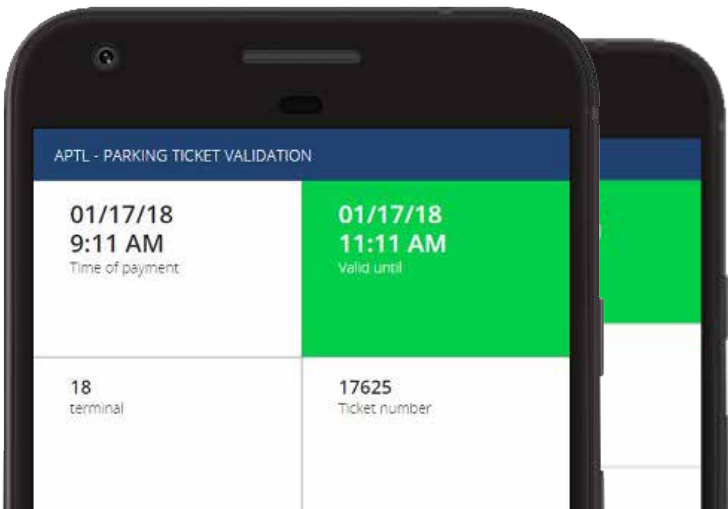- Tariffs and discounts management
- Statistics and reports

EXTENDING MODULES

- Subscribers and vehicles management
- Manual register
- Tariff terminal
- Circulating tickets
- Vouchers

UNIVERSAL PAYMENT TERMINAL CROSS APTM

- Parking payment
- Public transport tickets sale
- Theatre and other tickets sale
- Collection of municipal fees
- Toll payment

With its software equipment the CROSS APTM can be used for various other applications - for example, theatre and other tickets issuance, public transport tickets, municipal and hospital fees, toll collection, etc. Other independent applications can be developed through the fully-fledged Software Development Kit (SDK).

PARKING SYSTEM MANAGEMENT
AVAILABLE FROM ANYWHERE

CrossPark mobile application - parking ticket QR code reading

APTL - PARKING TICKET VALIDATION

01/17/18 9:11 AM Time of payment	01/17/18 11:11 AM Valid until
18 terminal	17625 Ticket number

UNIVERSAL SOLUTION FOR
ALL TYPES OF PAYMENTS

USA, Cleveland

Ireland, Dublin

Norway, Bergen

Latvia, Riga

Russia, Murmansk

Azerbaijan, Baku

Ghana, Accra

Portugal, Lisabon

Czech Republic, Brno

Slovakia, Trnava

Hungary, Győr

Georgia, Tbilisi

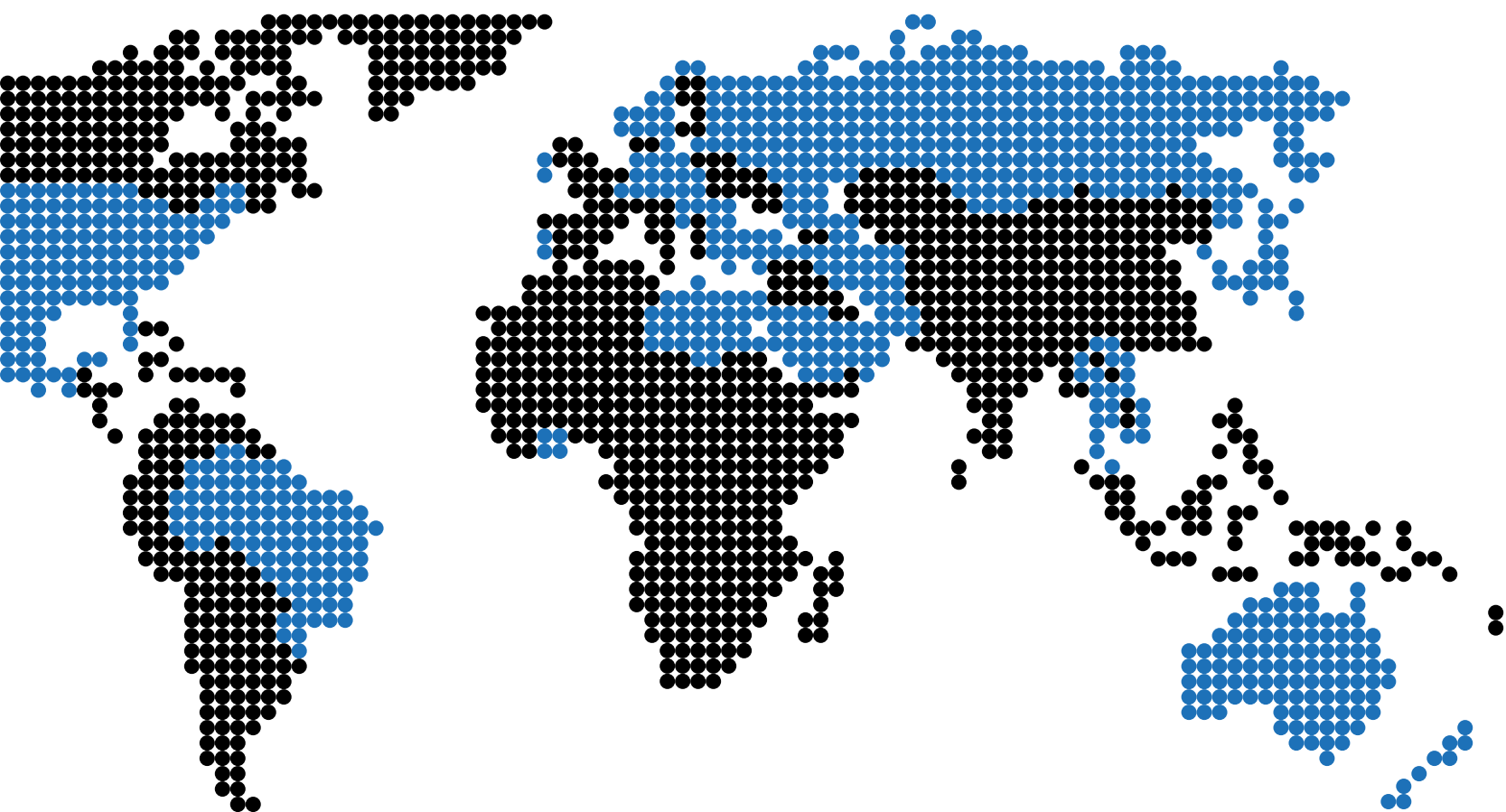**Slovenia**, Ljubljana

Croatia, Zagreb

Romania, Craiova

Malta, St. Julian

Greece, Thessaloniki

New Zealand, Auckland

REFERENCES

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