*nedap | identification systems

YOU ARE
IN
CONTROL*

| city access control
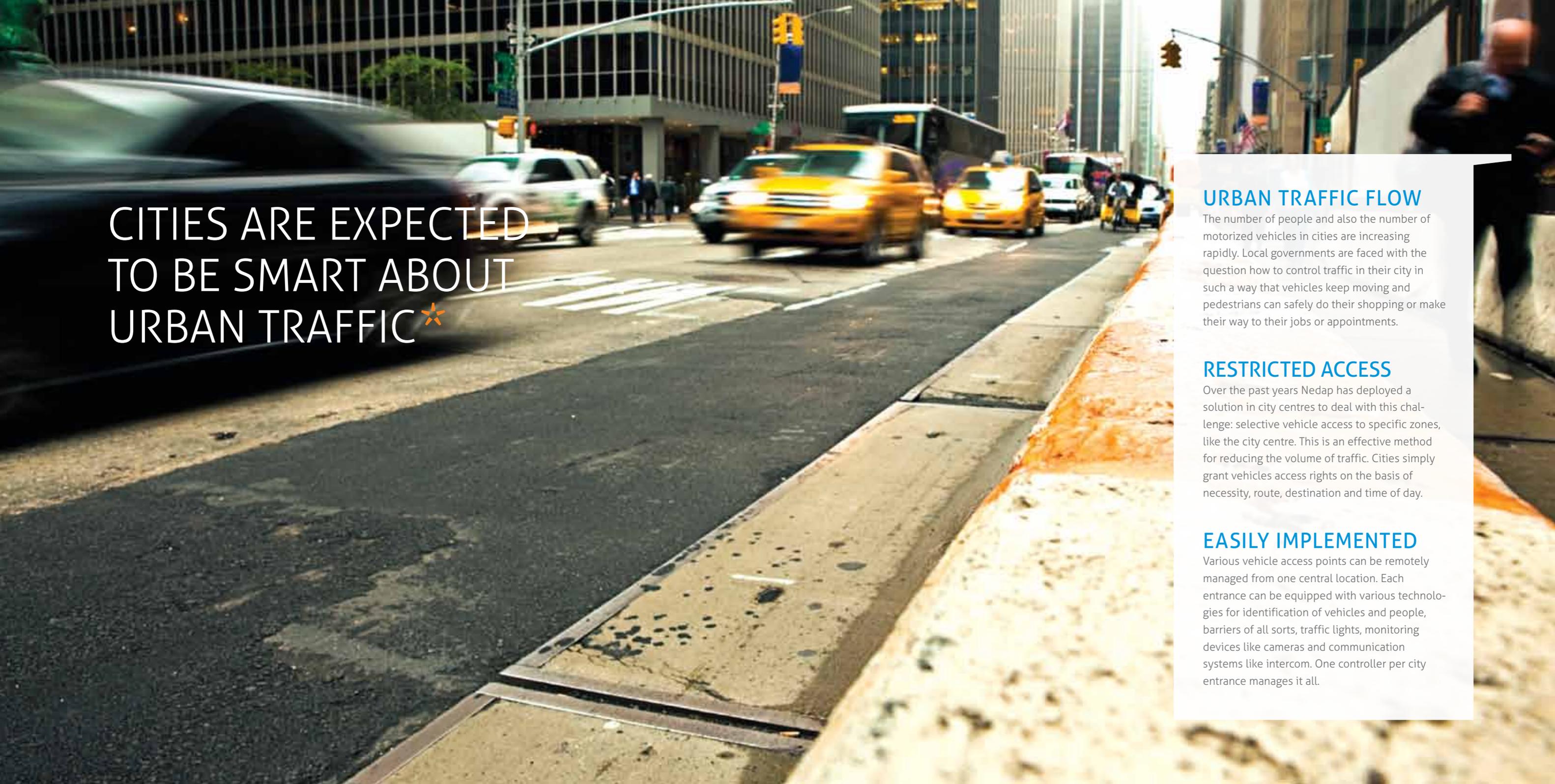
CITIES ARE EXPECTED TO BE SMART ABOUT URBAN TRAFFIC ✳

URBAN TRAFFIC FLOW

The number of people and also the number of motorized vehicles in cities are increasing rapidly. Local governments are faced with the question how to control traffic in their city in such a way that vehicles keep moving and pedestrians can safely do their shopping or make their way to their jobs or appointments.

RESTRICTED ACCESS

Over the past years Nedap has deployed a solution in city centres to deal with this challenge: selective vehicle access to specific zones, like the city centre. This is an effective method for reducing the volume of traffic. Cities simply grant vehicles access rights on the basis of necessity, route, destination and time of day.

EASILY IMPLEMENTED

Various vehicle access points can be remotely managed from one central location. Each entrance can be equipped with various technologies for identification of vehicles and people, barriers of all sorts, traffic lights, monitoring devices like cameras and communication systems like intercom. One controller per city entrance manages it all.

FOR SAFE, ACCESSIBLE AND ATTRACTIVE CITIES *

At work in numerous kind of applications

PEDESTRIAN ZONES
Restricting traffic in semi-pedestrian areas. Only registered vehicles, taxis, public transportation and emergency services are authorized to enter.

BUS LANES
Preventing bus and taxi lanes from undesired traffic taking shortcuts through the city.

TAXI RANKS
Reducing waiting times at the rank and allow a smooth, timely flow of taxis in cities and at airports.

ENVIRONMENTAL ZONES
Reducing emissions with remote enforcement of polluting vehicles.

GOVERNMENT DISTRICTS
Improving security of vulnerable government related neighborhoods, areas and buildings.

INDUSTRIAL AND BUSINESS PARKS
Managing vehicle access of authorized personnel, visitors and suppliers.

PRIVATE ESTATES
High service level of vehicle access to gated communities and residential car parks.

CAMP SITES AND HOTELS
Automatic visitor management providing visitors a warm welcome.

ONLY PERMITTED VEHICLES CAN ENTER THE CITY*

Various entry points are locally integrated and remotely supervised

ADMINISTRATION

REMOTE MANAGEMENT

REPORTING

ENFORCEMENT

CITY CENTRE →

VMC

IDENTIFICATION

1-ABC-23

COMMUNICATION
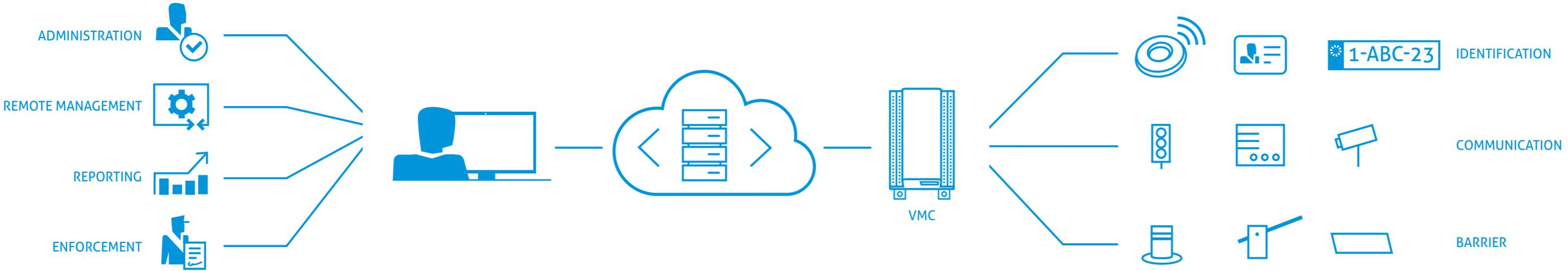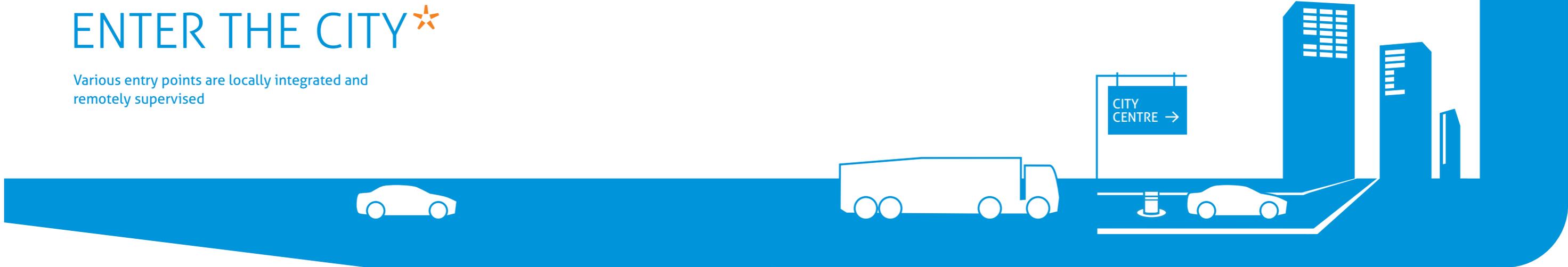
BARRIER

A WEB-BASED APPLICATION FOR REMOTE SUPERVISION*

A DEDICATED CONTROLLER FOR VEHICLE ENTRANCES*

Nedap supplies the controller of the barrier, the identification readers and the central management system. Our partners use the best 3rd party products in the market to offer a complete solution.

CENTRAL MANAGEMENT APPLICATION

The central management system is a web based application in which vehicle exemptions can be administered. It can easily yet safely be approached from city hall or other locations. The system sends these access rights to the controllers that store them locally, so entrances will remain functional even if the server can't be reached. All relevant events are stored in an event log that can be understood by anyone.

There is a high degree of flexibility in the granting of the various authorisations, on the basis of need, route, destination and time of day. The central management application can be easily integrated with enforcement software.

WEB BASED REMOTE MANAGEMENT

The installation can be managed remotely through the web to allow for management of multiple sites from a central location resulting in reduced operational costs. Even manual and emergency access can be provided remotely.

VEHICLE MANAGEMENT CONTROLLER

The Vehicle Management Controller (VMC) operates locally and is in control of the entire vehicle access gate. This includes the identification of approaching vehicles, the control of system peripherals and steering the physical or virtual barriers. The controller prevents conflicts between separate elements. Each VMC is securely connected to the central management application over IP. The VMC is suitable for new installations but can also be retrofitted into vehicle entrances that need to be modernized.

WELCOME
TO
THE CITY!*

The city access control systems welcomes everyone to your city and allows access to people at appropriate times and under the right circumstances.

• Suppliers get access using their license plate number in a specific time frame.
• Ambulances, police and fire truck always get guaranteed swift access with long range RFID.
• Only licensed taxis get access to passenger pickup areas.
• City staff can get access using their normal access control credential.
• Special visitors can get one time access by remotely opening a barrier.
• And your visitors can enjoy all the benefits of your vibrant city centre.

YOUR
TECHNOLOGY
PARTNER*

| Nedap Identification Systems

SECURING THE FLOW

Nedap is leading specialist in systems for long range identification, wireless vehicle detection and vehicle entrance management. We offer Identification Systems* and Mobility Solutions* that optimize, monitor and control traffic flow of vehicles and people. Safe, secure and efficient. Nedap Identification Systems offers a full range of innovative products that combine leading edge technology with quality resulting from over 30 years of RFID experience.

MARKET LEADERSHIP
OF DUTCH ORIGIN

Nedap Identification Systems is part of Nedap N.V., headquartered in the Netherlands. Nedap designs and develops intelligent, sustainable technological solutions for themes that are relevant to the modern society. It is Nedap's ambition to offer "Technology that Matters".

WORLDWIDE SALES NETWORK

Nedap Identification Systems has offices in the United States, Italy, Dubai and Singapore. Our skilled business partner network is spread across the globe. We continuously work hard to make sure that the best commercial and technical support is also available in your local market.

**Find out more at
www.nedapidentification.com**

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