Eccos Smart City
Enablement Platform

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Eccos Smart City Enablement Platform

The **Eccos Smart City Enablement Platform** connects the participants of the smart city processes **to ensure a more efficient functioning of city administration and raise the level of public safety.**

The platform allows city administrations to manage cities in a new, smarter way, using digital technologies, as well as better understanding of the needs of citizens and tourists. The implementation of this platform ensures optimal use of existing resources, care for a safe and sustainable environment, and provides access to personalized information to all service users.

Eccos Smart City Enablement Platform provides unrestricted data exchange from different systems, providing a universal interface for program and machine solutions of various manufacturers used by city administration, as well as by other process participants in the day-to-day city operations.

MODULES:

IoT sensors

Unlimited amount of information for different purposes (pollution, traffic congestion, etc.) is collected by connecting a large number of sensors of different technologies. Using intelligent systems, based on machine learning, the city operations are being managed in a high-quality manner, providing the citizens timely with all relevant information.

Sales channels

Simple connecting of sales and billing systems of various (city) services, based on different advanced technologies (smart terminals, mobile applications, web shop, SMS, etc.).

On-street parking

Managing the information on parking occupancy and the use of smart terminals enables optimal management of on-street parking, but also the overall traffic in the city.

Off-street parking

Users are provided with information about the current parking lot vacancy (number of vacancies, number of vacancies for persons with disabilities, etc.) and equipment (electric vehicle chargers, video surveillance, etc.). Two-way communication of the platform with parking systems provides operators with easy surveillance and management.

Traffic monitoring

Data collected via different sensors, video cameras, social networks, etc. helps city administrations to better understand the traffic of vehicles and pedestrians in the city, and thus better traffic management (for example, redirecting traffic to areas with currently lower traffic density).

Safety and security

Connecting safety and security systems (video surveillance, etc.) managed by other entities, apart from city administration, raises the level of overall city safety.

Central user management

Service user data is administered in one place, in accordance with the General Data Protection Regulation (GDPR).

Service information

Providing citizens and service users via different channels with all the necessary information about the day-to-day functioning of the city.

Connecting with finances and third-party services

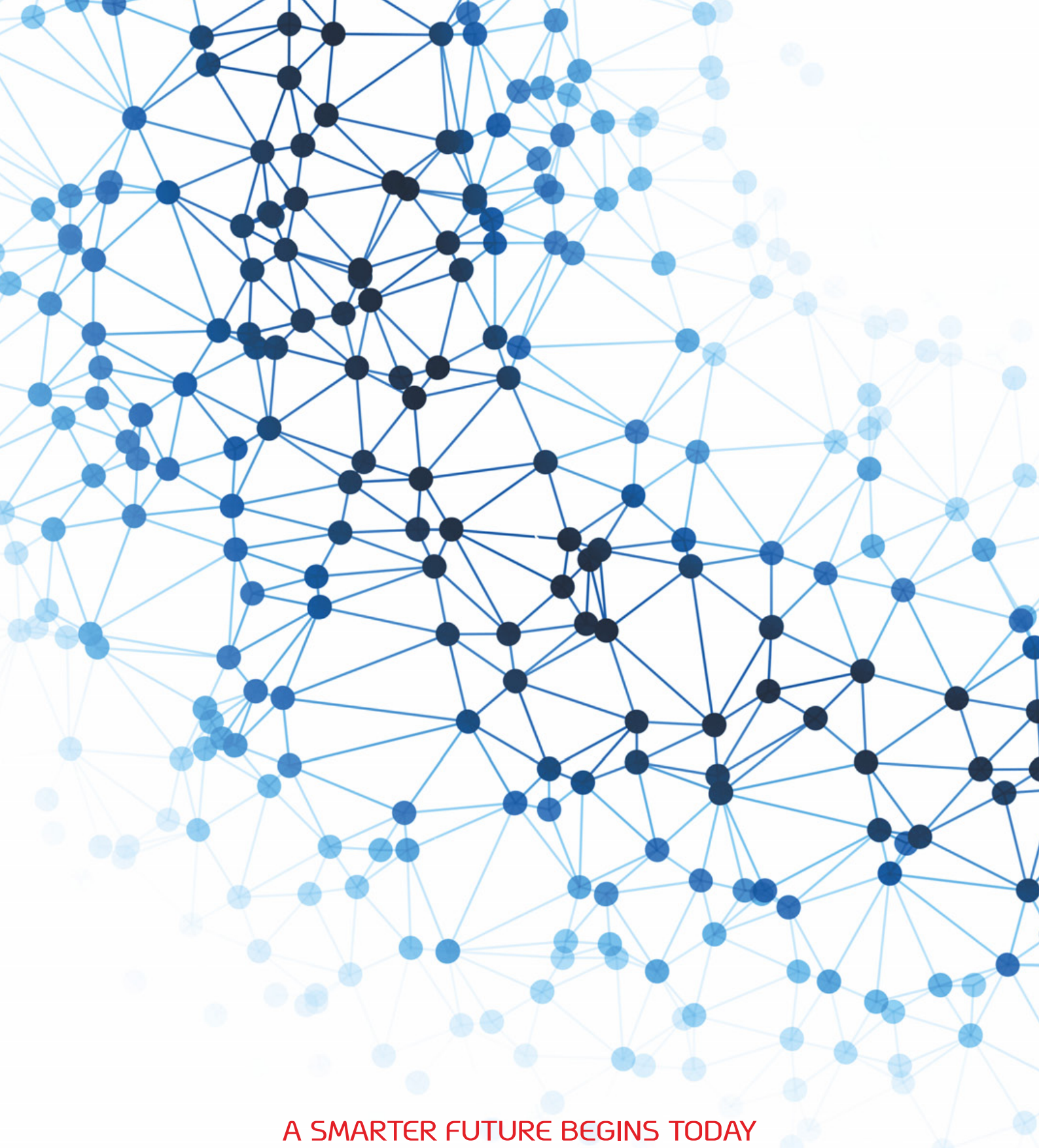
Carrying out financial transactions through integrated sales channels provides easy operation monitoring and exchange of the required data to third-party systems.

Reporting

All interactions between connected systems run through the platform, enabling one of the key platform functionalities – a comprehensive and flexible reporting system.

Control and management

Distributed monitoring and control of the system's operation in real-time ensure proactive monitoring of connected systems, shortening the downtime and thus reducing the downtime costs.



A SMARTER FUTURE BEGINS TODAY

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