WHO
WE
ARE

MOBILISIS®

SICK
Sensor Intelligence.

Mobilisis d.o.o.

Mobilisis has been on the market for almost 15 years with continuous growth and employments. Mobilisis produces modern and innovative IT infrastructure for industrial process management, as well as mobile data collection and transmission. In 2017., SICK AG made equity investment in Mobilisis and became a company shareholder and strategic partner.

Vision and mission

Our vision is networking of various things which will create an intelligent system multiplying the effects of individual action while constantly improving the quality of our products and services.

Our mission is taking care of users, investing into our employees, cooperation with our community, taking care of the environment and intense and continual work on competitiveness and viability in demanding markets.

2005

established

in Varazdin

90

employees

6,5 M EUR

annual revenue

ISO 9001   Q-1676

ISO 14001   E-496

2018 NOSITELJ AAA CERTIFIKATA Bisnode

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The business success of Mobilisis begun in 2005 with the goal of meeting expectations of our customers, shareholders, employees, suppliers and business partners. Mobilisis specializes in development of flexible products and solutions. Solutions made by Mobilisis are used in the most demanding business processes and environments. Special emphasis is placed on innovation, sustainable development, investment into education, care for the environment and responsible use of resources.

Krešimir Meštrić, Chief Executive Officer

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Recent projects

Our products consist of modern hardware and software components enabling flexible use in the most demanding business processes. Most notably, those which require data transmission and processing in real time. Mobilisis develops innovative electronic equipment, primarily intended for M2M (Machine-to-Machine) and IoT markets.

TDC-E

Telemetric Device

- Simple, rapid, cost-effective, profit-producing data collection and use
- Flexibility brought by a wide range of connection and communication options
- Future-proofed thanks to the use of open standards
- Maximum availability of sensors and machines through real-time monitoring with user-defined alarms
- Possibility of increasing productivity and efficiency through transparent sensor and process data

NBPS

Parking occupancy sensor

- Efficient vehicle detection on on-street and off-street parking spaces
- Wireless vehicle detection and communication
- Providing reliable detection in all weather conditions
- Painless deployment process
- Easy integration with existing infrastructure

TDC-Z

IoT Gateway

- Wireless communication via NB-IoT cellular network
- Wireless communication via LTE Cat M1 cellular network
- Short-range communication via Bluetooth 5.0
- Built-in sensors for temperature, pressure, humidity, magnetic field (compass), acceleration
- Integrated GPS
- Painless deployment process
- Easy integration with existing infrastructure
- Server REST API for external applications

Fleet management SaaS platform

Mobilisis system has a wide range of applications, but primarily intended for companies utilizing large vehicle fleets. Mobilisis system is not just real-time vehicle monitoring, but rather an intelligent system for control, optimization, monitoring and administration of vehicles within the customer's fleet. A carefully designed hardware and software components used in Mobilisis products enable flexible use in the most demanding business processes.

20%
annual growth

32 000
tracked objects

1800
customers

Smart parking SaaS platform

Mobilisis offers high-quality products based on MagSense magnetic field sensor platform. The high efficiency, accuracy and quality of platform enables maximizing user's profits. A patented magnetic field detection loop connected to high-speed network opens new possibilities in vehicle detection and counting. Products from the MagSense range found their way to parking lots, garages, roadways and airports around the World.

50%
annual growth

8 000
active sensors

150 000
daily parking sessions

Our value

Development of IoT devices

Gateway IoT and I4.0 devices that are connecting to heterogeneous environment, while being robust and reliable. Device feedback regarding operability and FOTA ready.

Connectivity

System which is ready to receive and send data from wireless, Bluetooth and other smart connected devices.

Cloud Platform

Platform which is capable to work 24/7, 365 days in a year, full provisioning with a great back office knowledge, cloud based or on premisse.

Integrations

Platform offers synchronous and asynchronous connection while devices are capable to send collected data as well to execute necessary operations.

Our focus

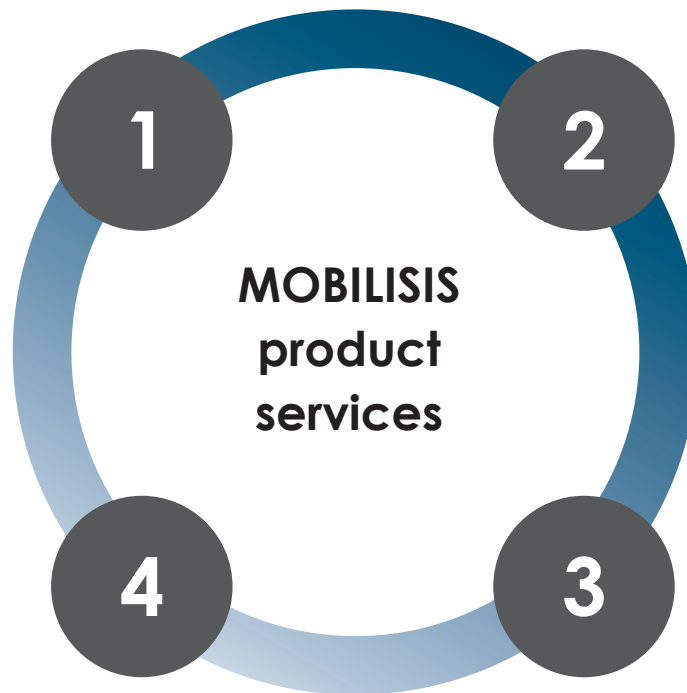| Internet of things | Internet of data | Internet of services | Internet of people |

- Delivering systems that offer complete and secure information lifecycle
- Developing security for connected devices and data transfer
- Making worldwide security protocols that provide everyday protection for machinery operators and controlling business operability
- Designing end-user applications with powerful and flexible server platform
- Building platforms compatible with analytical data solutions
- Bringing simplified implementation and management via various sensors, devices and cloud infrastructures

What we do

Conceive

imagine, specify, plan, innovate, research

Design

describe, define, develop, test, analyze, validate

① **②**
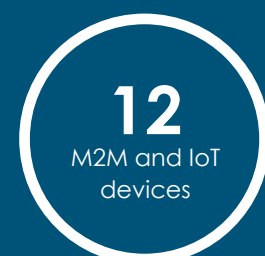
MOBILISIS product services

④ **③**

Service

configure, use, operate, support, sustain, maintain, service

Realize

manufacture, make, build, assemble, produce, test, ensure quality, deliver

What we do

25
various software packages

32
various industrial devices
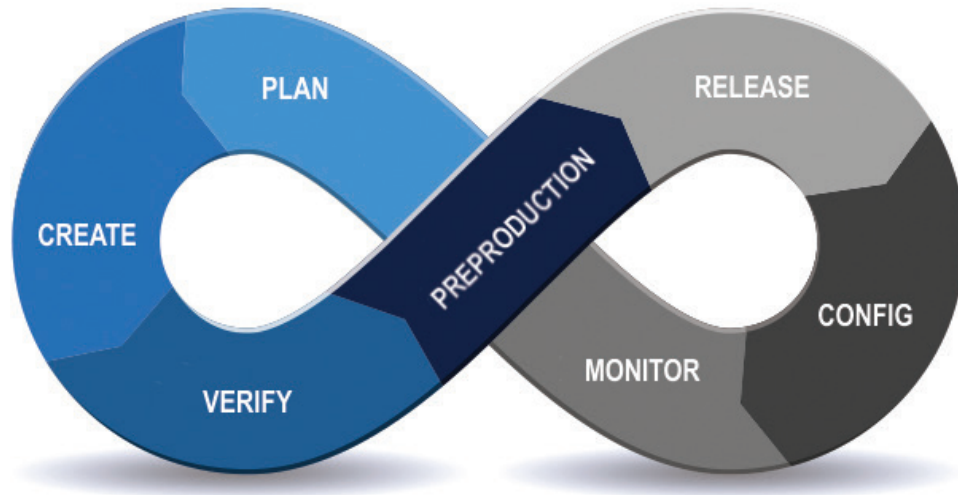
7
cloud platforms

12
M2M and IoT devices

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Our primary concern is dedicated to customer satisfaction with the quality of provided services, products, prompt delivery and response, ensuring accessibility of information about our products, services as well as meeting client requirements and legal and other legally binding requirements. While delivering our services, special emphasis is put on the reduction of negative impact on the environment.

Davor Balažinec, Chief Production Officer

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Research & Development

Software development

3 Development Teams
- Embedded
- Web/Cloud
- Services

Key competences
- Cloud based services
- Docker
- Node - Red
- Communication
- IoT/ NB - IoT
- SICK based - SRT, picoStratus, TEMS
- Industry 4.0 applications
- MCSD: App Builder

Hardware development

- PCB design
- Embedded devices
- Linux devices
- Android devices
- Sensors
- Battery powered devices
- NB - IoT
- Firmware development
- Linux / Android custom image build
- Certification
- Documentation
- Testing
- Research

Headquarters

1600 m^2

modern
offices

400 m^2

IoT
R&D Lab

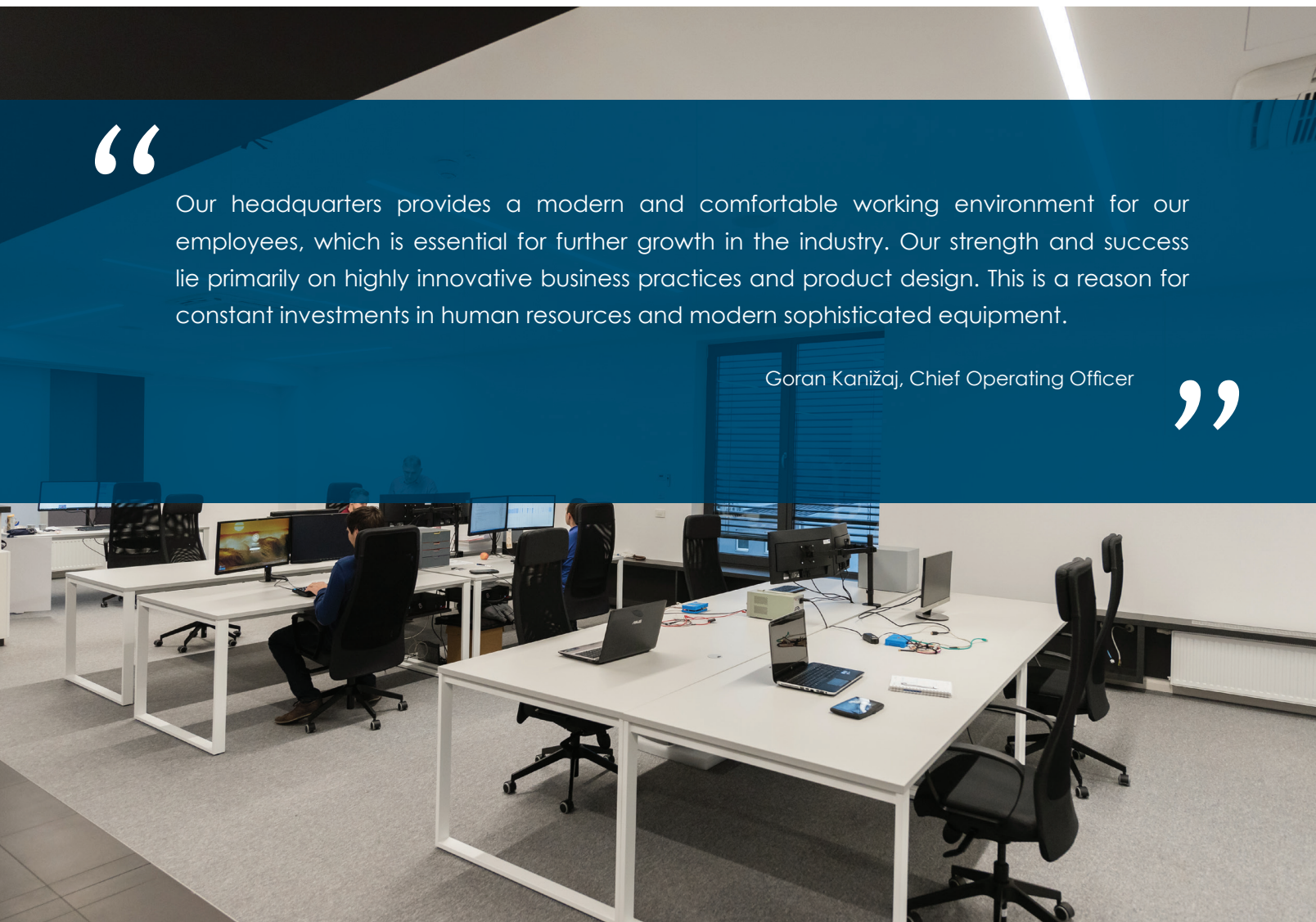800 m^2

production &
assembly space

500 m^2

warehousing
space

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Our headquarters provides a modern and comfortable working environment for our employees, which is essential for further growth in the industry. Our strength and success lie primarily on highly innovative business practices and product design. This is a reason for constant investments in human resources and modern sophisticated equipment.

Goran Kanižaj, Chief Operating Officer

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IoT R&D LAB

- 20 workplaces
- ESD safe environment
- modern measuring and diagnostic equipment from Keysight® and Rigol®
- big experience in developing devices with SolidWorks® and AltiumDesigner® tools

Production & Assembly

- 16 workplaces
- 20 meters of BOSCH Rexroth modular production lines
- modern cable assembly lines from Schleuniger® and Molex® (wire stripper, jacket stripper, automated crimping etc.)

Infrastructure

Ending 2018, Mobilisis introduced SAP ERP solutions into its business processes. Several modules were introduced, namely Financial Accounting (FI), Controlling (CO), Sales and Distribution (SD), Production Planning (PP), Materials Management (MM) and Human Resources (HR). Usage of SAP solutions enables maximal integration of business processes, implementing a more efficient method of evaluating current business indicators, as well as helping reach outlined strategic goals.

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