

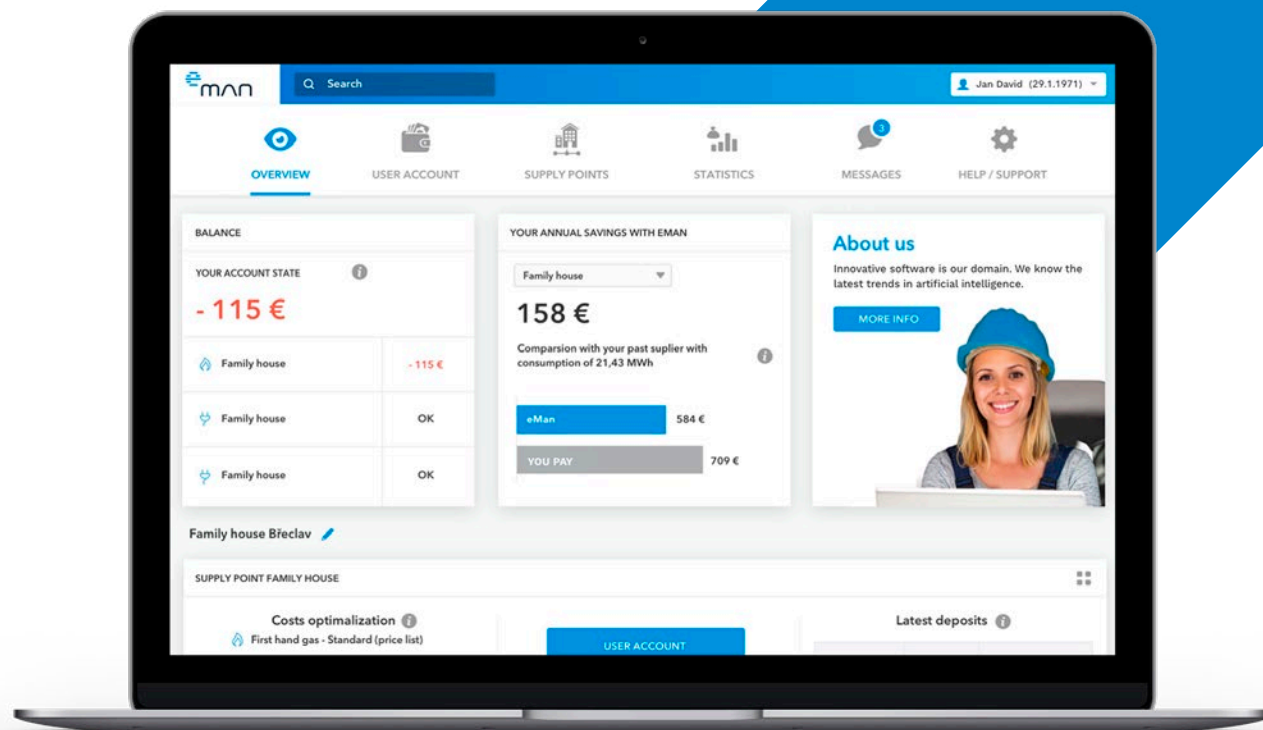


INNOVATION FOR
A SMART FUTURE

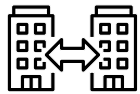
WE MAKE UTILITIES ACCESSIBLE

Innovative software for sales,
work safety, distribution,
and customer care.

SOLUTIONS FOR
UTILITIES



DOMAINS & UTILITY FIELDS WE OPERATE WITH



B2B



B2C



Health
& Safety



Monitoring
& Metering



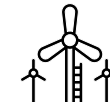
Support
& Service



Water



Gas



Energy



Oil & Gas

TECHNOLOGIES WE USE



Rails



MVVM Cross



Kotlin



Kofax



Swift



HTML5



TensorFlow



Java



React



Kubernetes



.NET



Spring



Azure IoT



C#



NB-IoT



LoRa



SigFox



Vuforia



GitLab



ARKit



Firebase

WHO WE ARE

When we founded eMan in 2010, there were four of us.

Now our team has more than 100 people operating in Europe and North America. We advise our clients how to make future smarter via the latest technologies. Developing complete solutions in the utility industry concerning safety and effectivity is one of the main areas we focus on.

Innovative software is our domain. We work with augmented and virtual reality, machine learning, artificial intelligence, or the internet of things to come up with the best results. Our efficient use of the latest technologies is appreciated by local companies as well as global corporations worldwide.

MICHAL KOSEK
COO

TOMAS CERMAK
CMO

JIRI HORYNA
CEO

JAN HORYNA
CSO



WHAT WE DO



WE DEVELOP SELF-SERVICE AND B2C SOFTWARE

- Customer acquisition
- Customer care
- Self-service and self-care



WE OPTIMIZE THE MAINTENANCE PROCESS

- Distribution of power, water, gas, and oil
- Inventory and user manuals
- Photodocumentation and note taking



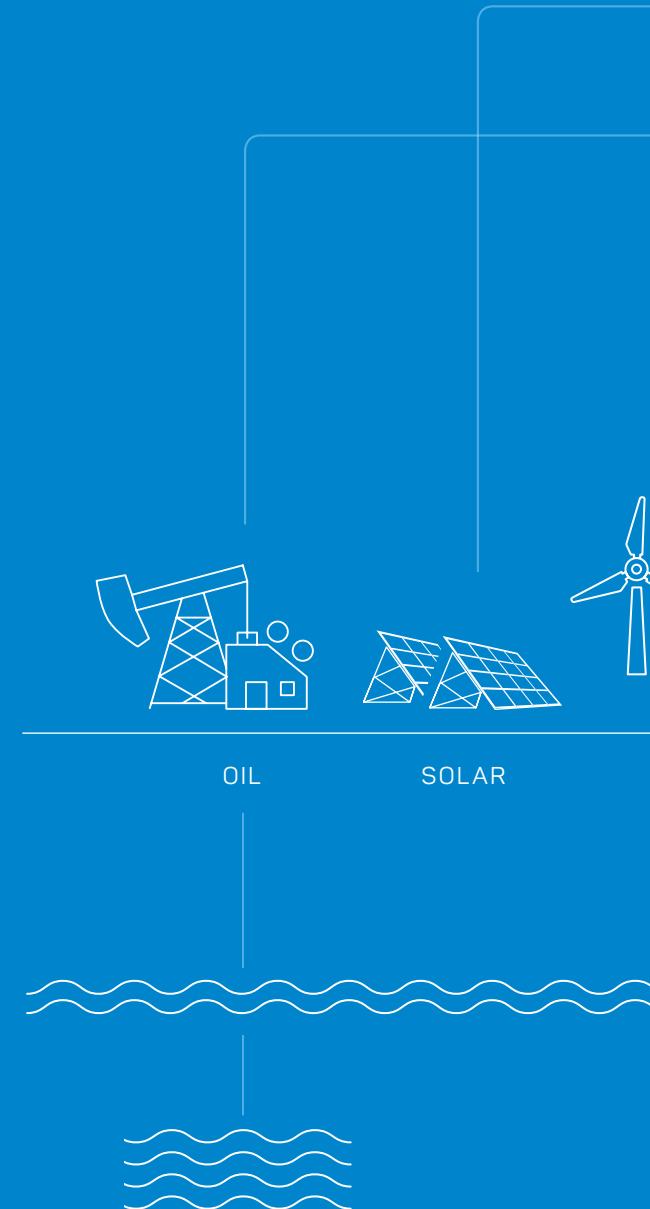
WE PROVIDE HIGH-END MONITORING

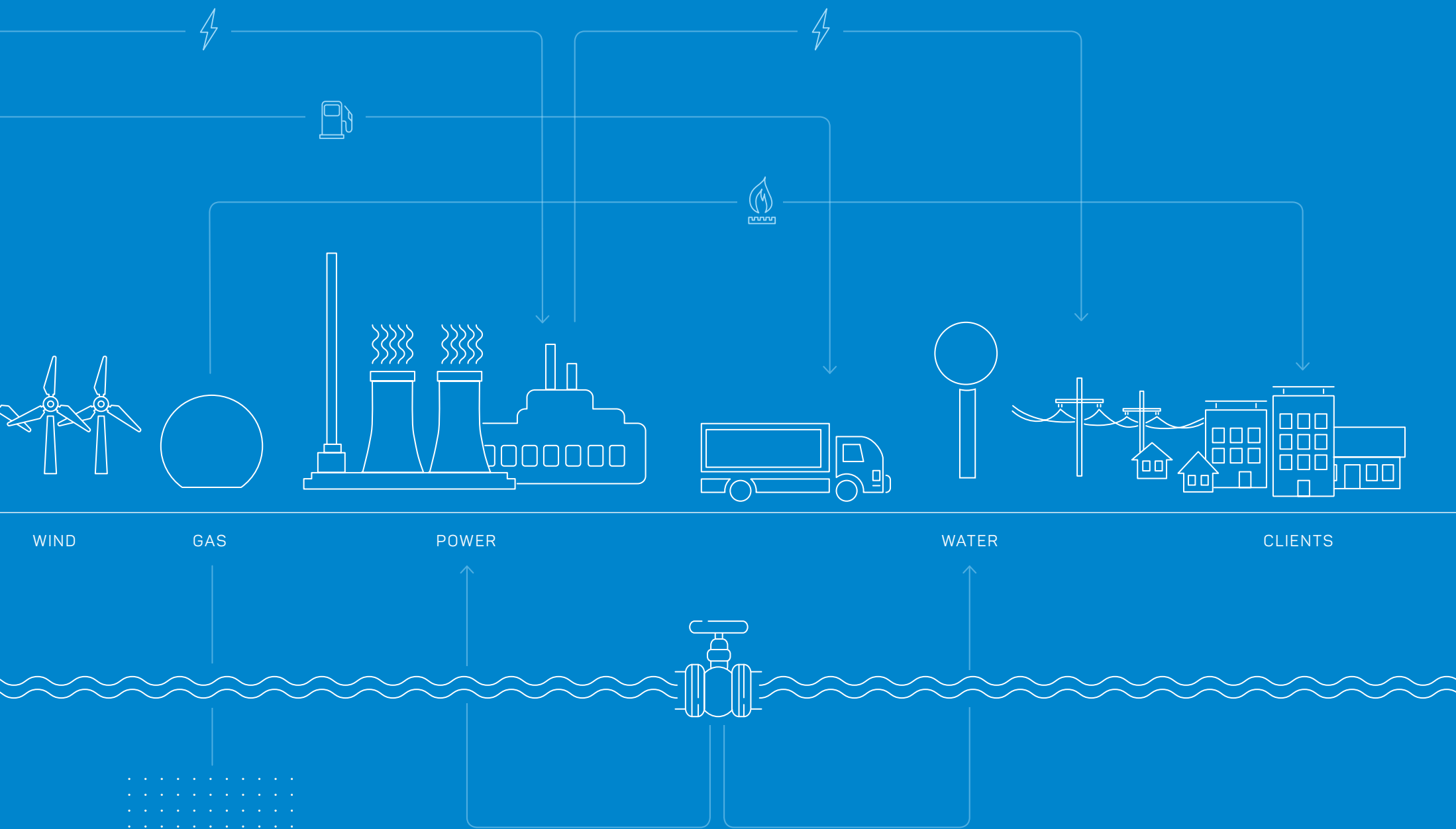
- Data mining
- Data visualization
- Data-driven Decisions



WE DELIVER CUTTING EDGE TECHNOLOGIES

- Image recognition and neural networks
- Self-check system for safety equipment
- Safety break monitoring and automation





WHY CHOOSE US

WE HAVE EXPERTISE IN **THIN** (B2C, SERVICE, OSH), **THICK** (BACK OFFICE),
AND **INTELLIGENCE** (CORE) SOLUTIONS



MOBILE APPLICATIONS

For the last 10 years, we were providing B2C apps and introducing new technologies like biometric digital signatures or self-learning neural networks to companies of all sizes.



BACK OFFICE SOLUTIONS

Improve your company operations with a robust information system for workflow process, including corporate customer support, client portals, and mobile apps.



INTEGRATIONS

Now you can connect different clients to the brand new core system and we provide you with the ability to communicate freely between applications and systems.

COMPANIES WE WORK FOR

SELECTED CLIENTS

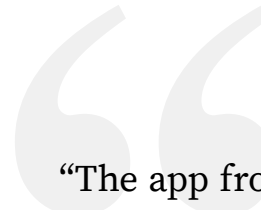


“eMan is our long-term supplier of applications for mobile technology. The cooperation with their team is always very inspiring; you can feel the creativity and proactive approach the whole team puts into every project.”



JIŘÍ PÍSAŘÍK

Managing Director
BOHEMIA ENERGY entity

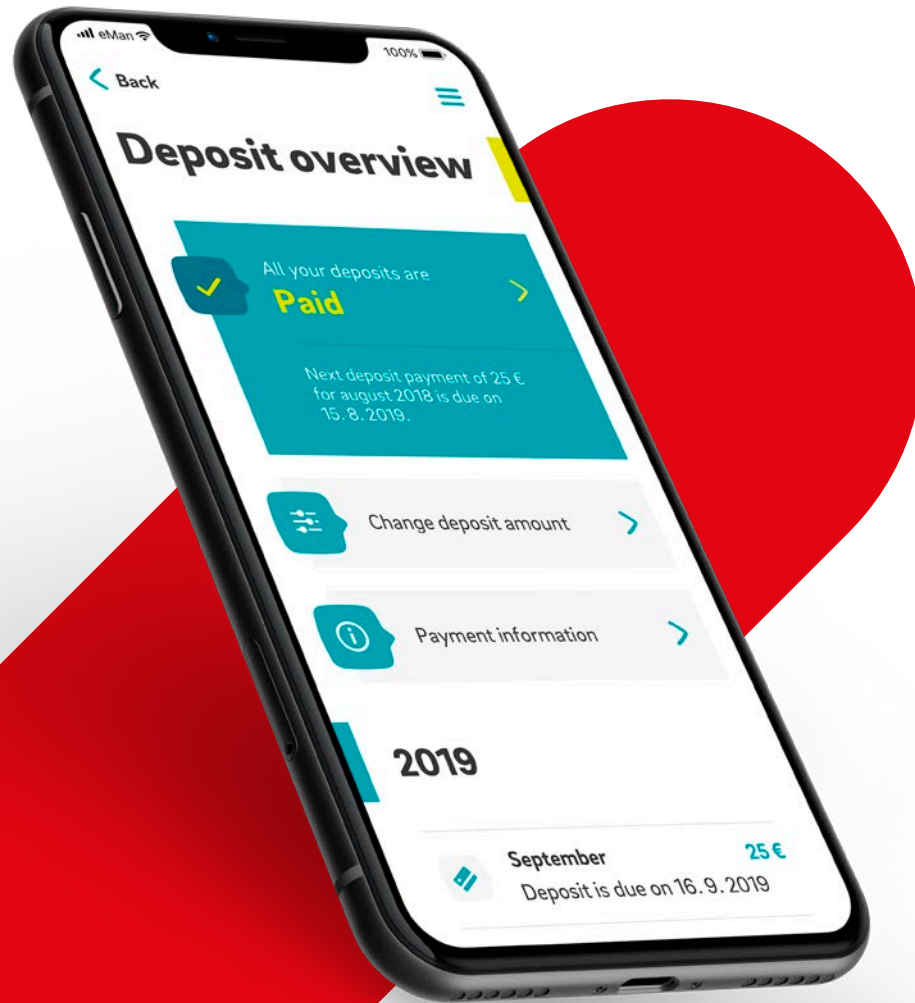


“The app from eMan is a next-generation client portal. Their professional and creative approach and the ability to come up with new ideas is what I appreciate most about our cooperation.”



JOSEF COUFAL

IT Data Analyst and Support for
Trading & Retail MND



E.ON ENERGIE 24

Self-care application

Manage your electricity and gas bills by one tap

Energie 24 is a mobile application that enables E.ON clients to easily manage their account. Thanks to the billing estimate, you always know how much you will pay for your next electricity and gas bill. Check a simple summary of your advance payments, invoices, and see your consumption history – all in one quick overview. You can change your advance payments any time and pay online, directly in the app. It also offers a support section in case of any issues.

Client E.ON

E.ON is a well-established company on the Czech energy market and is a part of the international E.ON Group.

Realisation

2018–2019

MND ZAPO

Modern customer portal

Manage your utility consumption online

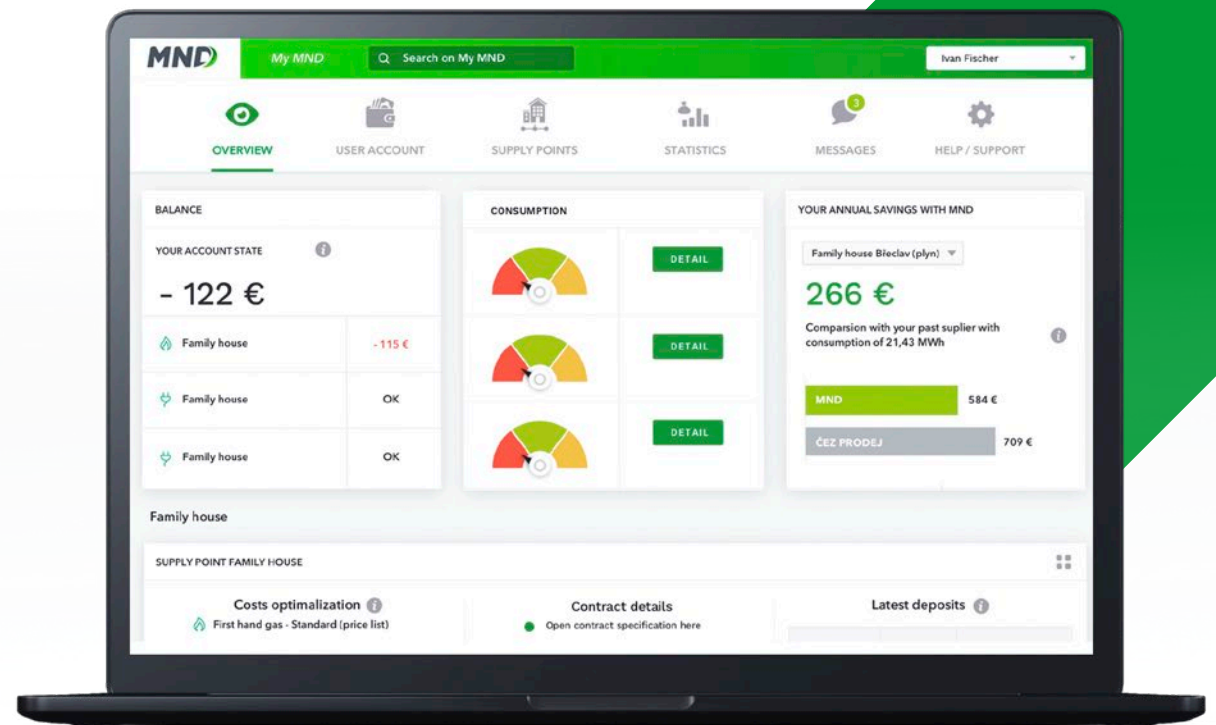
Clients of MND can track their gas and electricity consumption, pay invoices, or set their advance payments via this web application. They can also change settings of their account such as contact details or payment data. The portal also serves as an effective channel for communication between MND and customers. The portal implementation caused a positive financial impact by enabling the collection of advance payments more efficiently.

Client MND

MND Group is a European corporation managing all parts of oil & gas exploration, production and trading of these commodities.

Realization

2015–2019



E.ON ECONTRACTS

Process the acquisition agreement without a single sheet of paper

The largest German utility company, E.ON, has implemented a fully electronic contract management. The contracts are now signed using biometric signatures which, under the applicable legislation, fully replace signatures by hand. Our solution consists of a self-care web application and a mobile application for door-to-door salesmen. As a result, the amount of time needed to process a new agreement went down from 3 weeks to only 3 days.

Client E.ON

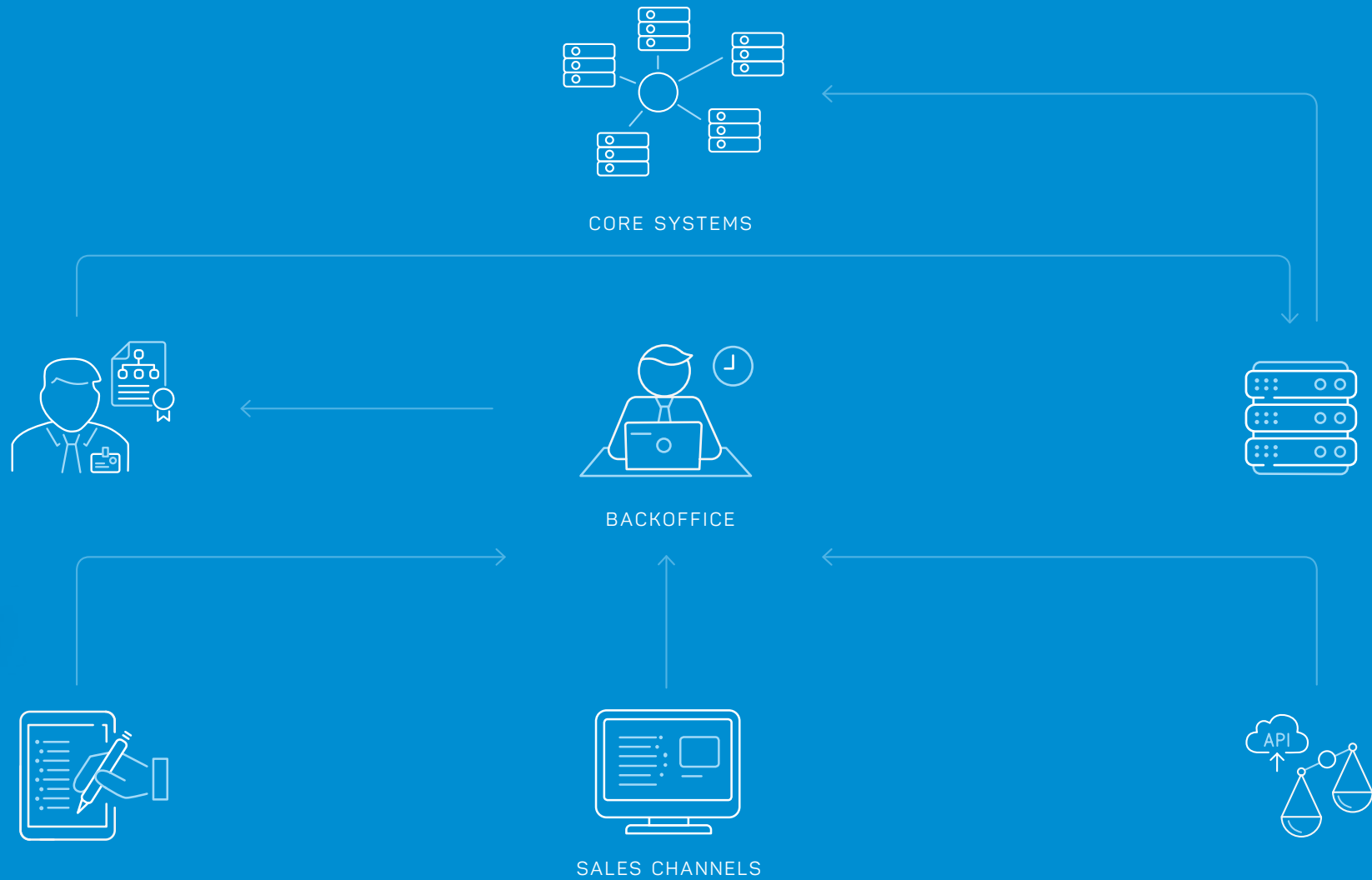
E.ON is a well-established company on the Czech energy market and is a part of the international E.ON Group.

Realization
2016–2019

Award-winning app
IEA18
INTERNET EFFECTIVENESS AWARDS



PAPERLESS FLOW



BOHEMIA ENERGY

Transform contract management to a digital era

Bohemia Energy has successfully switched from paper forms to fully electronic contract management via tablets and a web interface. Our innovative solution has resulted in a significant increase in the efficiency of sales representatives, while also greatly accelerating and reducing the processes involved. We also implemented a state of the art fraud detection to add an extra layer of protection to the whole process. The entire contracting process was shortened from 14 days to just 2 days.

Client BOHEMIA ENERGY

Bohemia Energy is the largest mid-size supplier of electricity and gas in the Czech Republic. It is a part of the international Bohemia Energy Group.

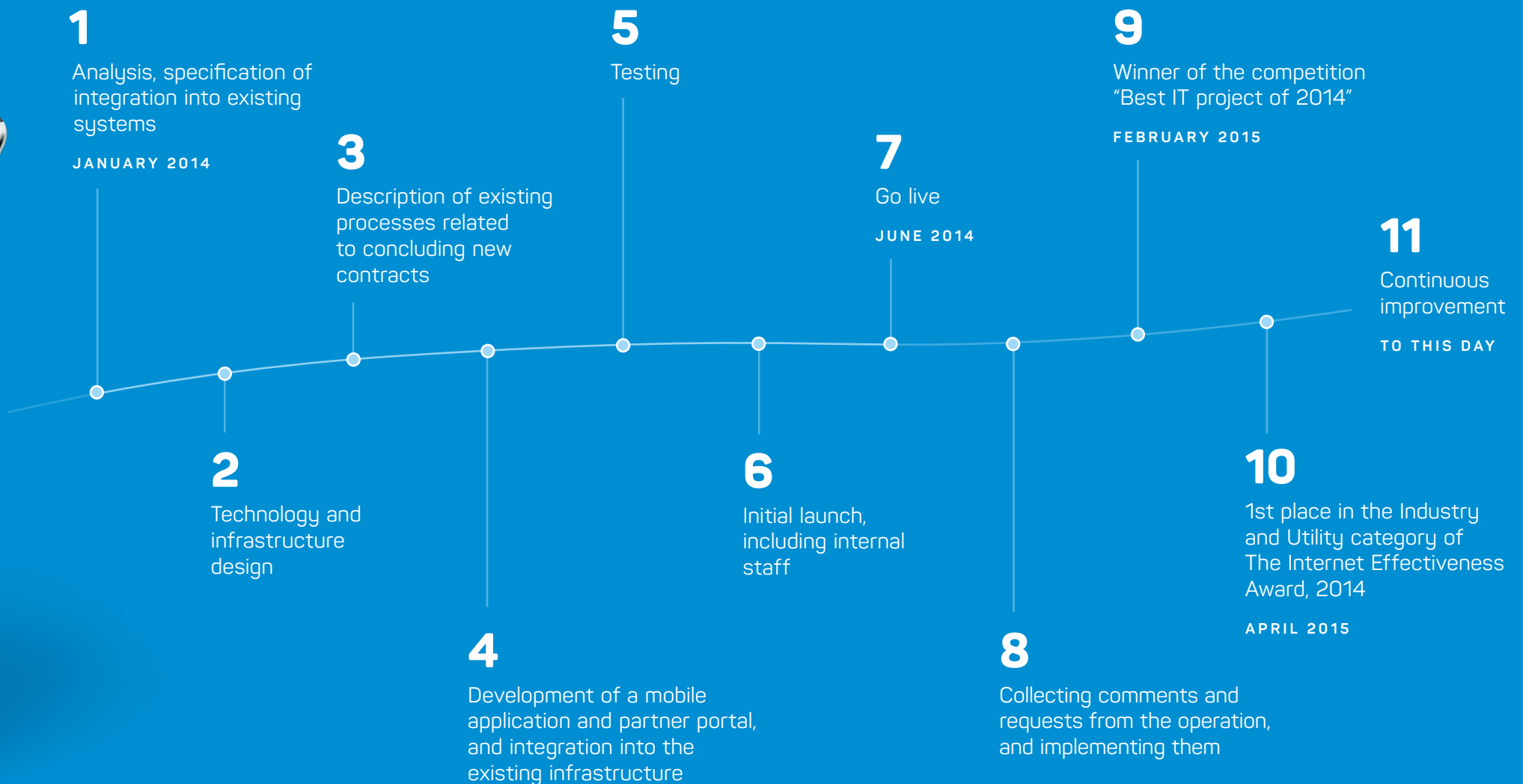
Realisation
2014–2019

Award-winning app

IEA14
INTERNET EFFECTIVENESS AWARDS



IMPLEMENTATION PROCESS TIMELINE



MKM

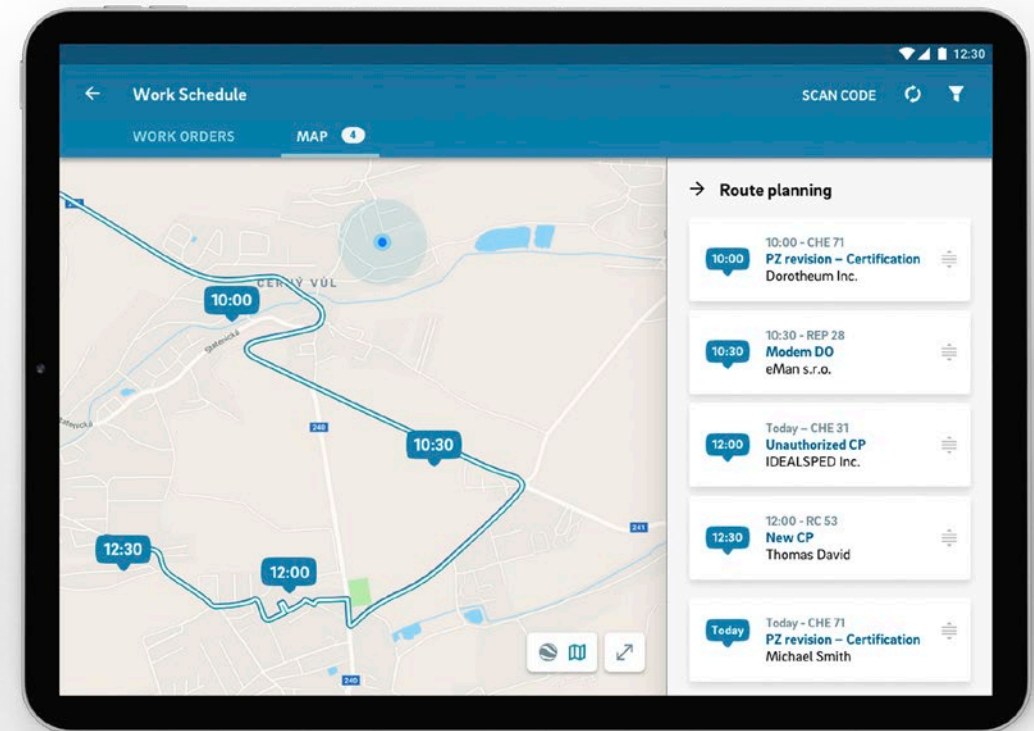
We developed a Mobile Client of Measuring (MKM) for E.ON Distribution. It includes a mobile application and a web portal. The app helps technicians in the field with each step of the process. They see the plan of tasks for the day, so they can start and finish each task, enter necessary data, upload photos, fill in forms, and attach files. The change of gauges is also supported, as well as the equipment inventory.

MPUD

Maintenance technicians of the power grid in E.ON work more easily, thanks to our application for tablets. They can manage their work orders, record the voltage and resistance measurements, and report defects in equipment. The solution also contains evidence of Personal Health & Safety instruction validation. The mobile app is fully capable of working offline to ensure uninterrupted service. The data is synchronized via a custom-implemented backend, allowing technicians to work together in sync.

Realization

2018–2019



Client E.ON Distribuce

As a part of E.ON Group, E.ON Distribuce runs and maintains electricity distribution network in several regions of the Czech Republic.

CUTTING EDGE TECHNOLOGY

INNOVATIVE SOLUTIONS PROTECT YOUR WORKERS AND YOUR ASSETS



VISUAL AID AND DECISION-MAKING SUPPORT

The neural networks and image recognition help technicians to verify the right equipment, or to make the right decision.



SMART RESOURCE MANAGEMENT

Time and location monitoring is crucial to ensure the right capacities for any operation. Smart geofencing can help determine when to send a new crew to avoid fatigue or injuries.



PERSONAL HEALTH & SAFETY

This solution takes care of work safety, monitors people operating in hazardous environment, and informs the company doctor in case it measures anything irregular.



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