IXPERTA

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14. 08. 2024

Your gateway to the technological excellence.

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IXPERTA: General overview

- Czech private company focused on Information and Communication technologies, Services and Software development
- Vision:

  „IXPERTA is a leader among medium-sized IT companies, combining high IT know-how and high flexibility.”
- Mission:

  „IXPERTA connects the worlds of enterprise communications, infrastructure, security and software so you can work on your dreams”

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30 years together in the world of information technologies.

30 YEARS

1992 Siemens Enterprise communication

1993 Start of cooperation with ŠKODA AUTO

2012

2013 UNIFY

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2014

2015 IXPERTA

2016 Atlassian partner

2017 ŠKODA Car Connectivity

Innovation of XEVOQ, Industrial. vision

2018 New technologies IoT

2019 Learning of SentiSquare partner

2020 Automatic tests of SKOQ

2022 ŠKODA Project Management Services

2023 ŠKODA R&D Smartlink

2024 ŠKODA HMI UI/UX and concepts

IXPERTA, Long-term partner

www.ixperta.com

AAA, Czech Stability Award

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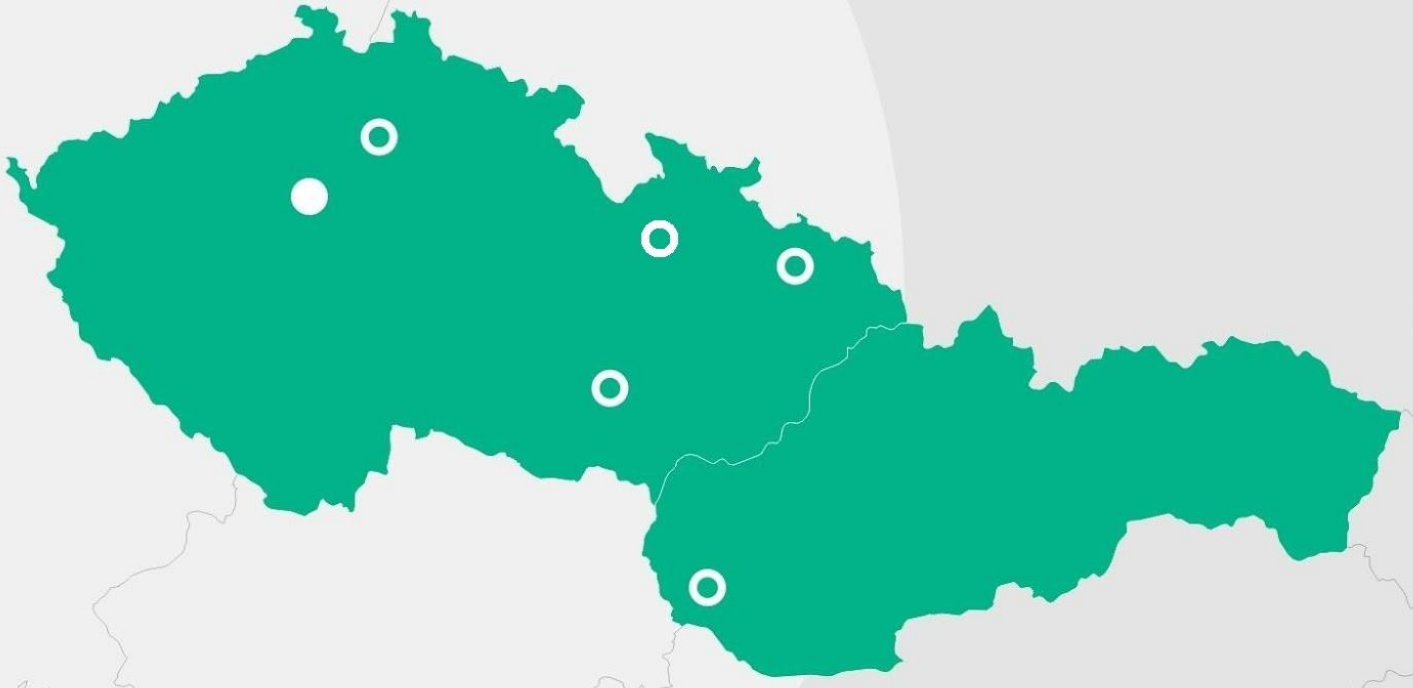

Current locations:

- Prague (CZE)
- Ostrava (CZE)
- Brno (CZE)
- Mladá Boleslav (CZE)
- Šumperk (CZE)
- Bratislava (SVK)

We are IXPERTA

- 250+ employees
- 30+ years experiences
- 7000+ projects

Annual revenue

- 38 000 000 EUR

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IXPERTA: Company strategy

- Long-term partnership with key customers
  (to provide excellent IT deliveries and services to the limited numbers of key customers)
- Long-term partnership with world class vendors
  (highest partners certificates)
- Organic growth of all business divisions of the company
  (eliminating differences in business cycles)
- People are the key factor of our success
  (hiring the best people on the market, fair renumeration and long-term development)

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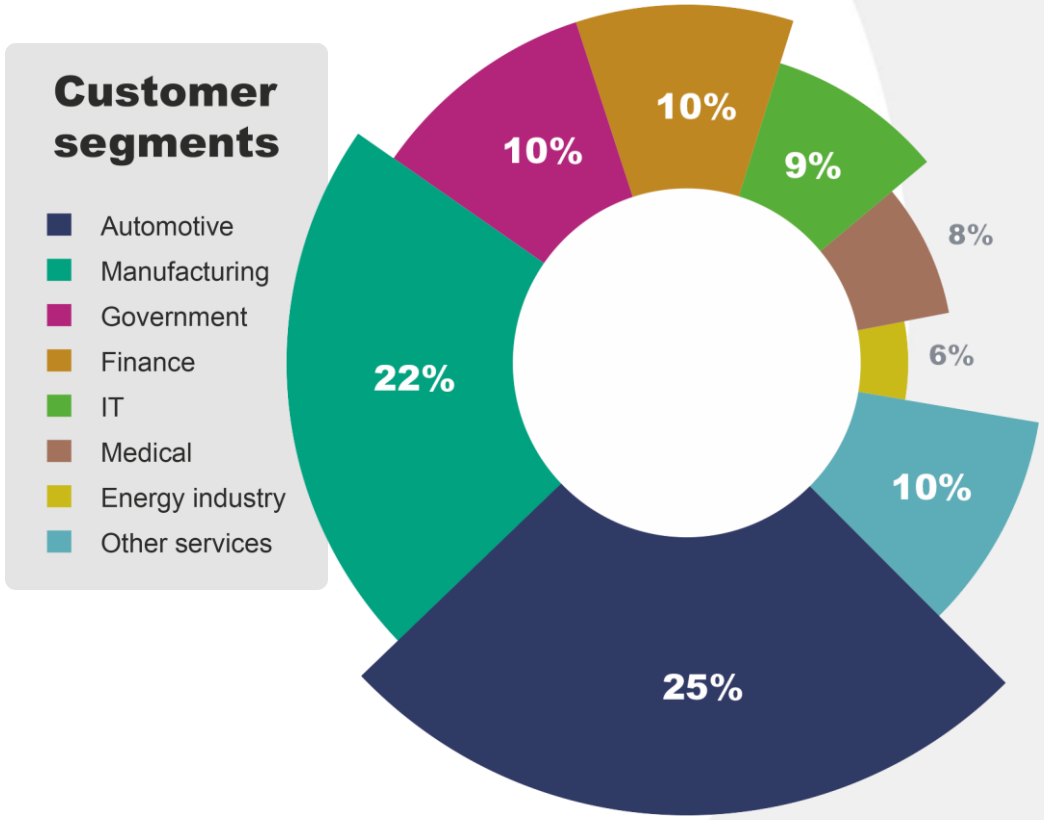
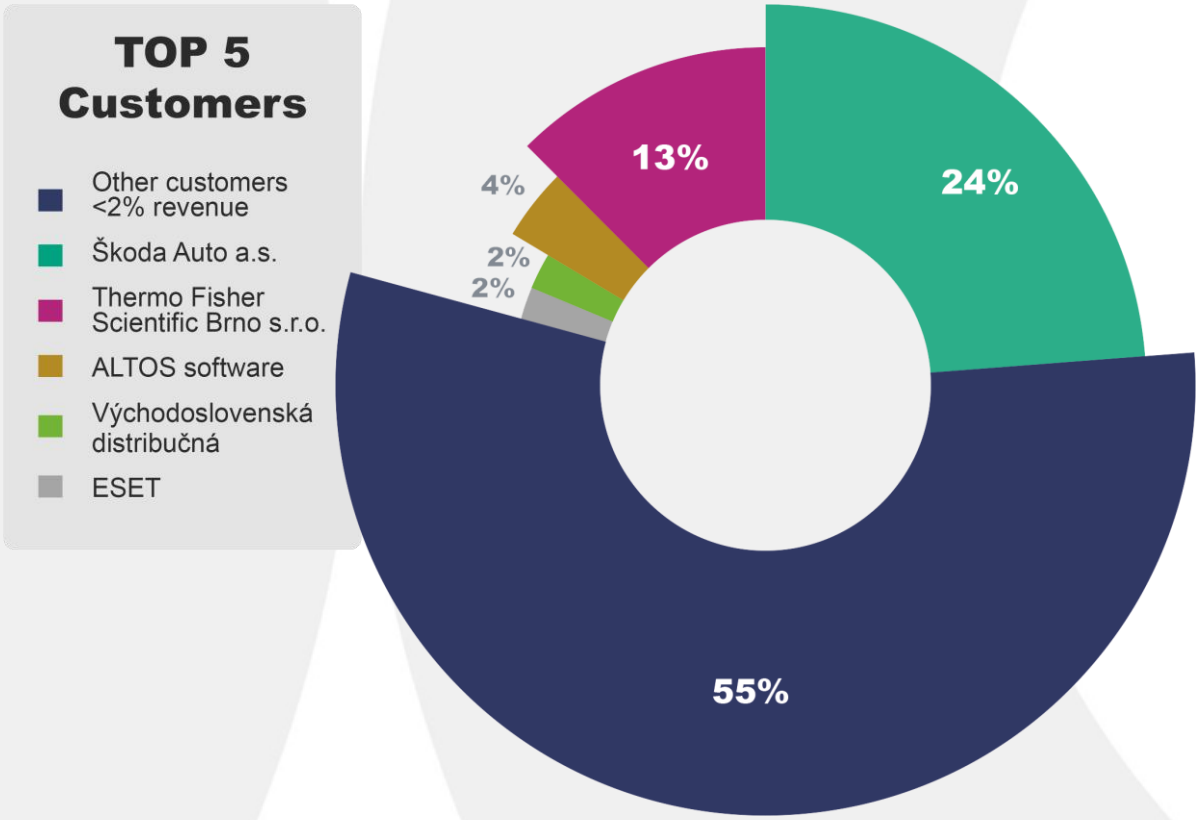
IXPERTA in figures

Expected Revenue 2024: 38 Mio EUR





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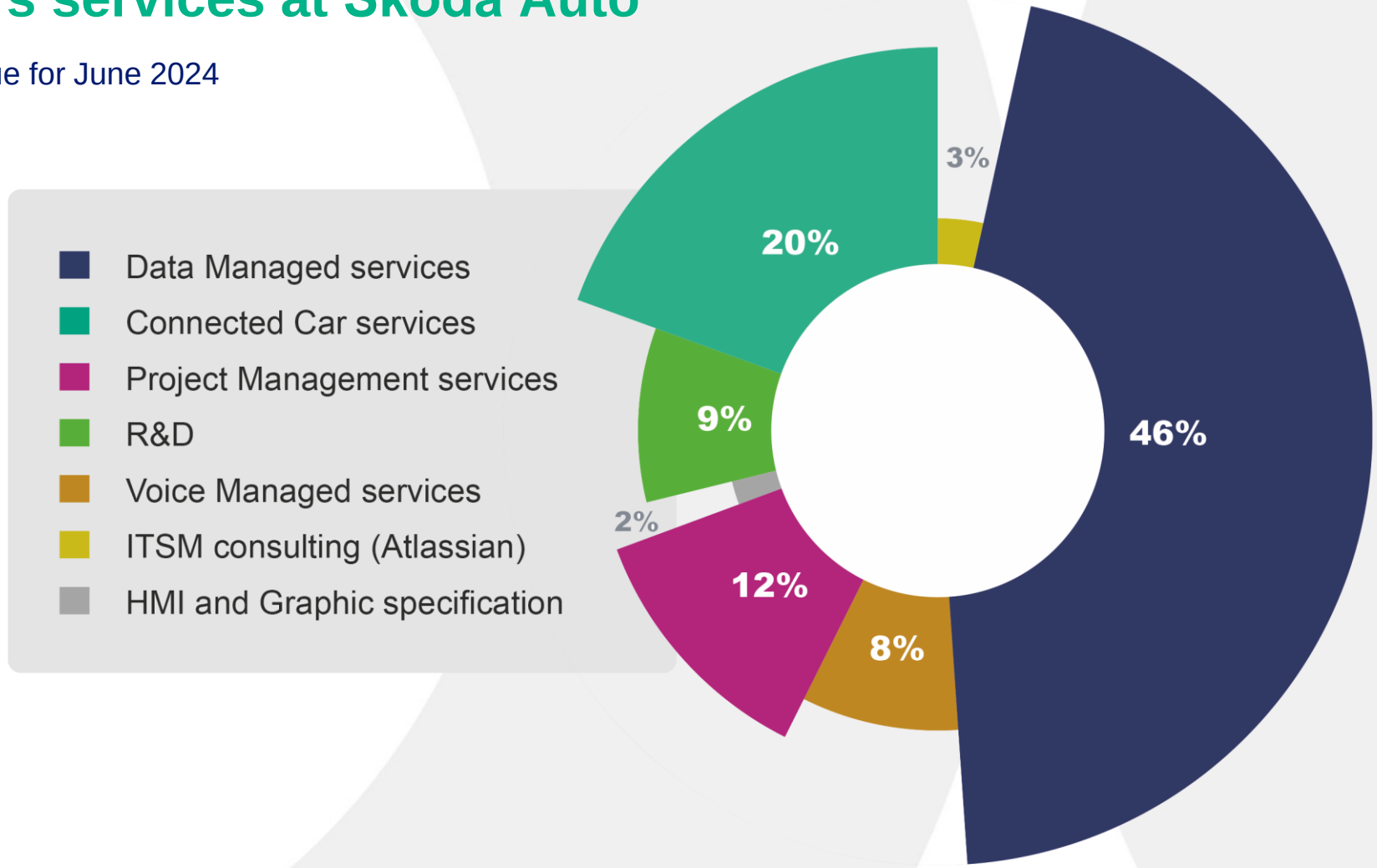
IXPERTA´s services at Škoda Auto

Spited by Revenue for June 2024



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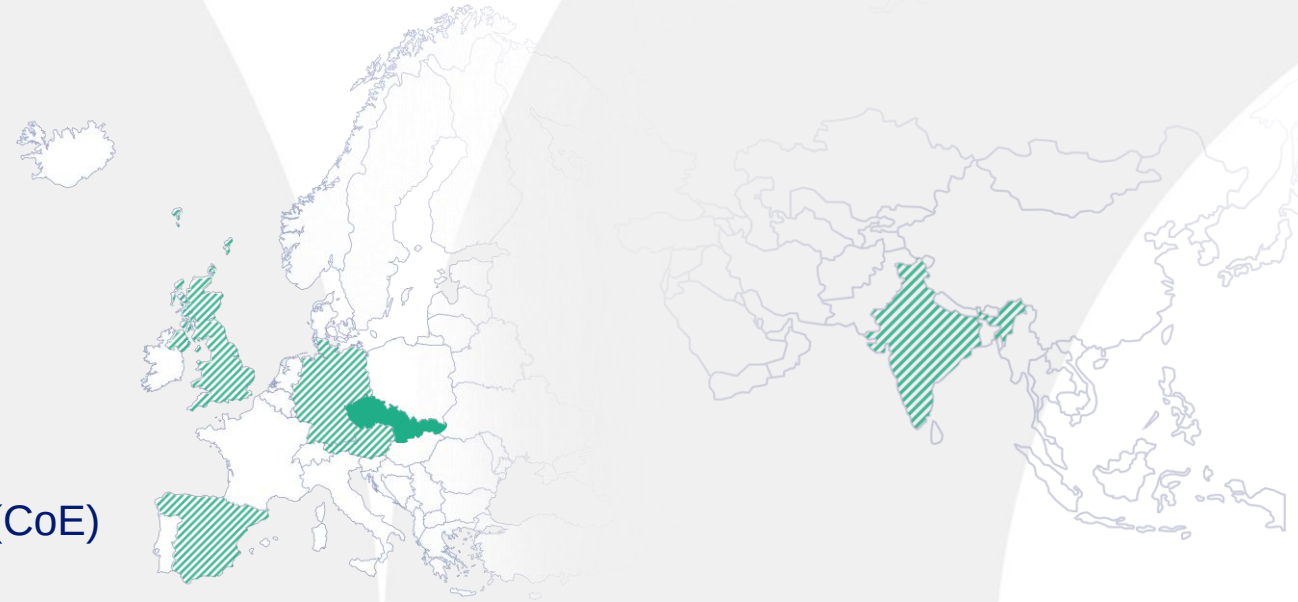
Service optimization

Smart shore delivery concept:

- Key delivery team members by customer
- Nearshore delivery from Europe Centers of Excellence (CoE)
- Offshore delivery center (ODC) India



2024

TISAX AL3 Office

Customers:

Škoda Auto

Delivery:

Local:
- Mladá Boleslav
- Prague

Near shore:
- Brno, Bratislava

2025

Office in WOB/BWG
Established CoE

Customers:

+ Cariad, Volkswagen

Delivery:

Local:
+ new Wolfsburg Office

Near shore:
- Czech republic
+ CoE in Europe

2026

Established ODC

Customers:

+ Škoda Auto India

Delivery:

Local:
- resource optimization

Near shore:
+ resources in CoE

Offshore
+ Established ODC India

2027

Delivery optimization

Customers:

+ new services

Delivery:

Local:
- resource optimization

Near shore:
+ resources in CoE
+ new CoE in East Europe

Offshore
+ resources in ODC

2028

Established Offices by AUDI, Porsche, Bentley

Customers:

+ AUDI, Porsche, Bentley

Delivery:

Local:
+ new offices
+ Ingolstadt
+ Crew
+ Stuttgart

Near shore:
+ resources in CoE

Offshore
+ resources in ODC

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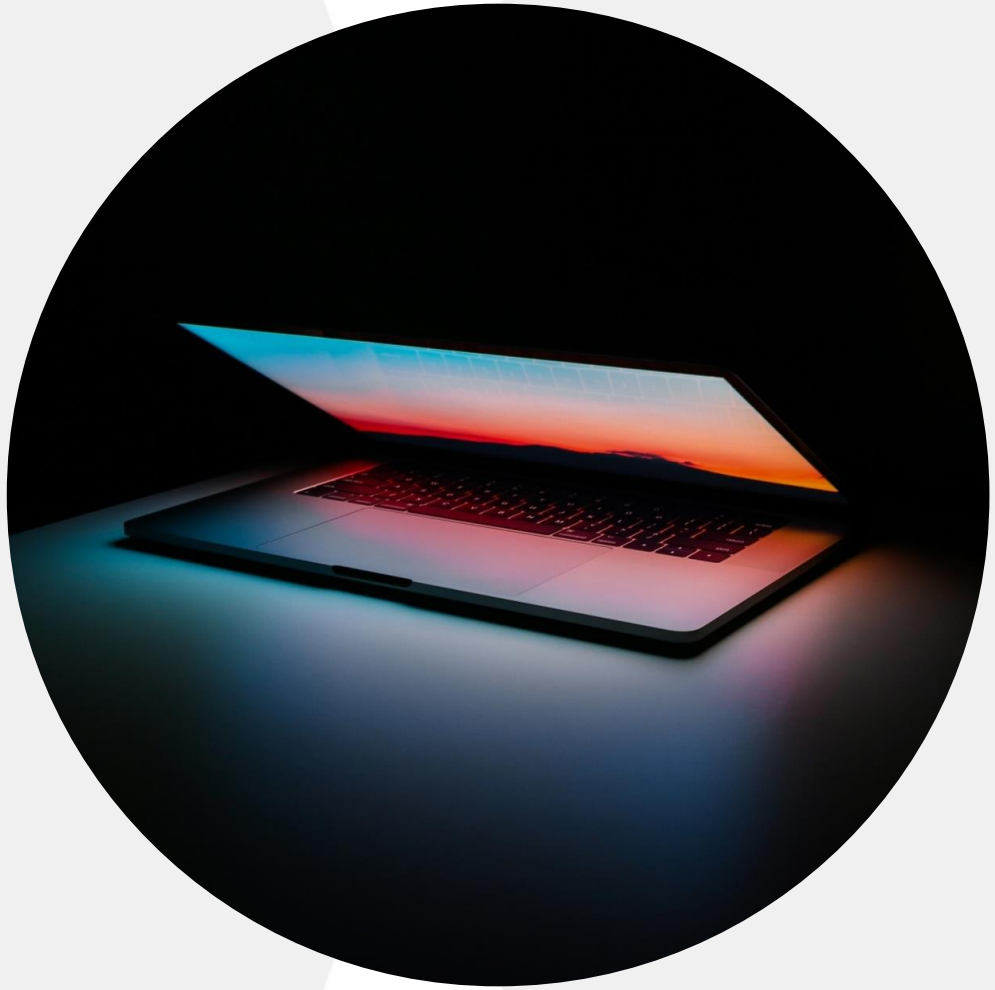

Thank you for your attention

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Laurel & Hardy Testing of in car voice control Laura

Size: 4 team members, 2 years project

- Automated solution for testing Škoda in car voice control
- Validation of Voice control from the user perspective
- Supporting technical development of System Microphone calibration, Output level test, SPL startup check and auto-level correction
- Written test phrases converted to speech
- Automatic multilanguage translation
- Mixing with background noise
- Possibility to manage, execute and evaluate the tests from the Škoda EZ-Log quality system

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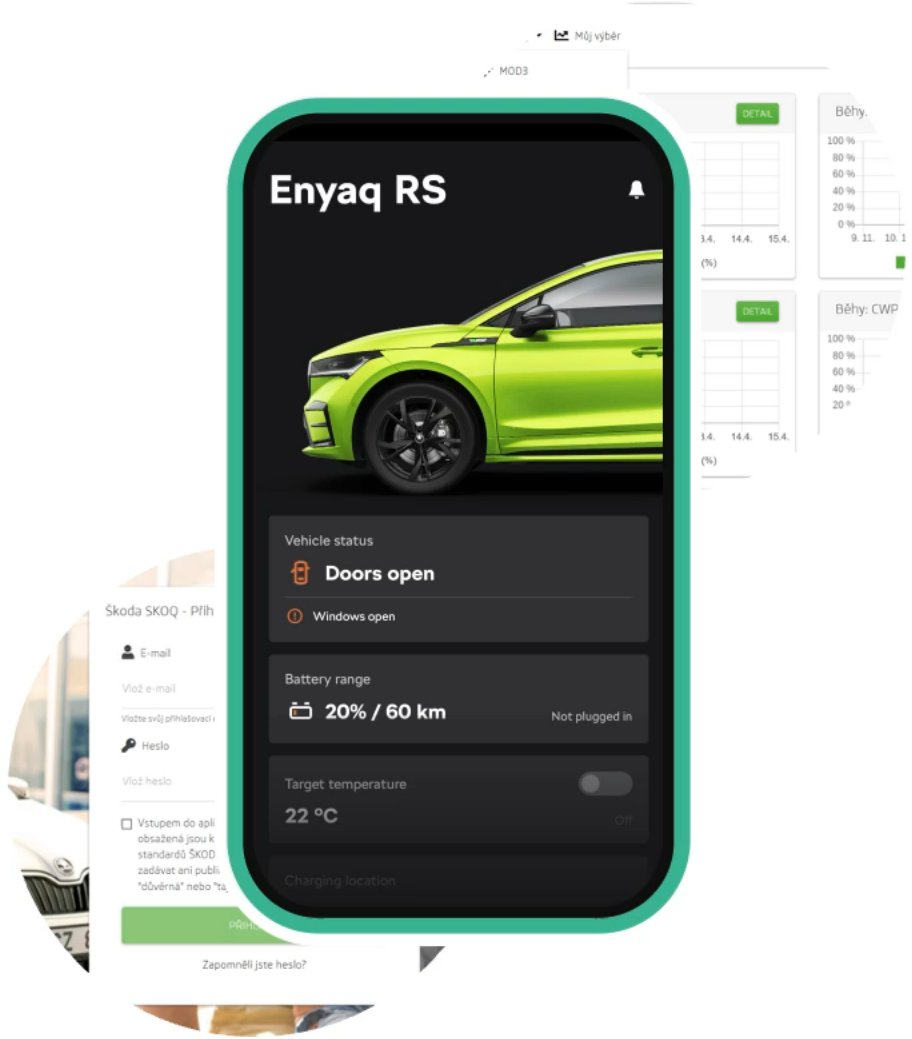
Automated Testing & Monitoring

Size: 10 team members, 6 years project, with the Škoda EED team

- Service-oriented platform for processing automated tests of Škoda on-line services
- Connectors to customer environment and systems (TFS, GIT, SC3, B2CSSO, Splunk, etc)
- Web and mobile app as user interfaces
- E2E Services Health Check
- 40000+ test runs daily, 90+ Business services
- Real Time Monitoring
- KPI Management Reporting
- Multibrand solution (SKODA, VW)



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Phone Connectivity

Size: 9 team members, 7 years project

- Complete management of function (module) development (PHONE&APPCONNECT)
- Implementation Android Auto, Apple CarPlay
- Supporting successful delivery (BMG) since 2017
- Covering whole development lifecycle 7+ years
  - Management of technical documentation
  - Managing the development function
  - Apple CarPlay & Android Auto certification
  - Continuous improvement
  - Delivery of self certification testing (PCTS, FACET)

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Graphic specifications of HMI

Size: 5 team members, 5+ years project (ongoing)

Providing detailed HMI graphic specifications, automated tests, design concepts and validation of graphic resources.

- Detailed processing of specifications for each display
- Automated tests of all graphic assets to streamline development
- Creation of HMI design concepts
- Creation of interactive HMI models and prototypes
- Testing graphic assets and validating elements

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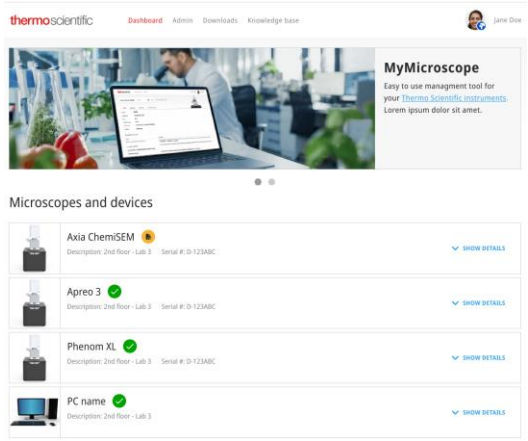
ThermoFisher SCIENTIFIC

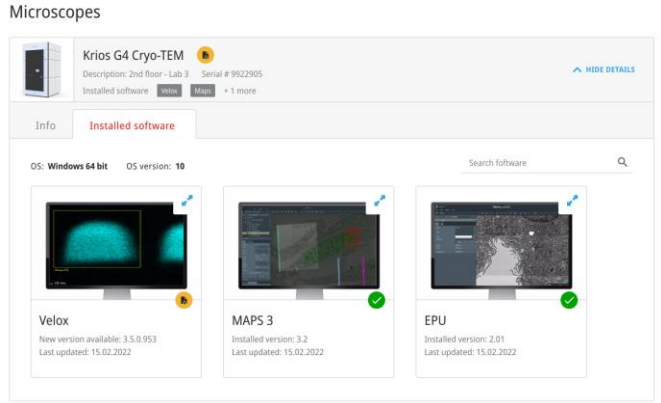
Updating Scientific Device software in an Air-gapped Environment

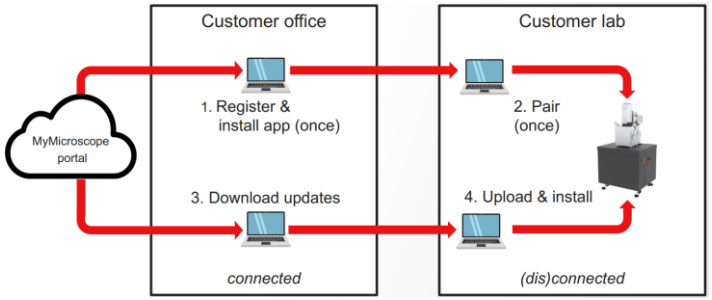
Size: 12 team members, 3 years project (TOP5 suppliers)

IXPERTA delivers solution to manage remote software updates of high-tech devices in laboratory networks:

- Management of complex software dependencies.
- Calculates latest and greatest updates for hardware configurations.
- Supports update of air-gapped systems in labs.
- Supports both customer self service and service managed scenarios.







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ThermoFisher SCIENTIFIC

Remote Factory

Size: 5 team members, ½ year project

IXPERTA delivers web-based solution to manage production more efficiently

- Adds automation in the final production step.
- Saves floor space, thanks to remote desktop from browser.
- Reduces production step cycle time by 30%.

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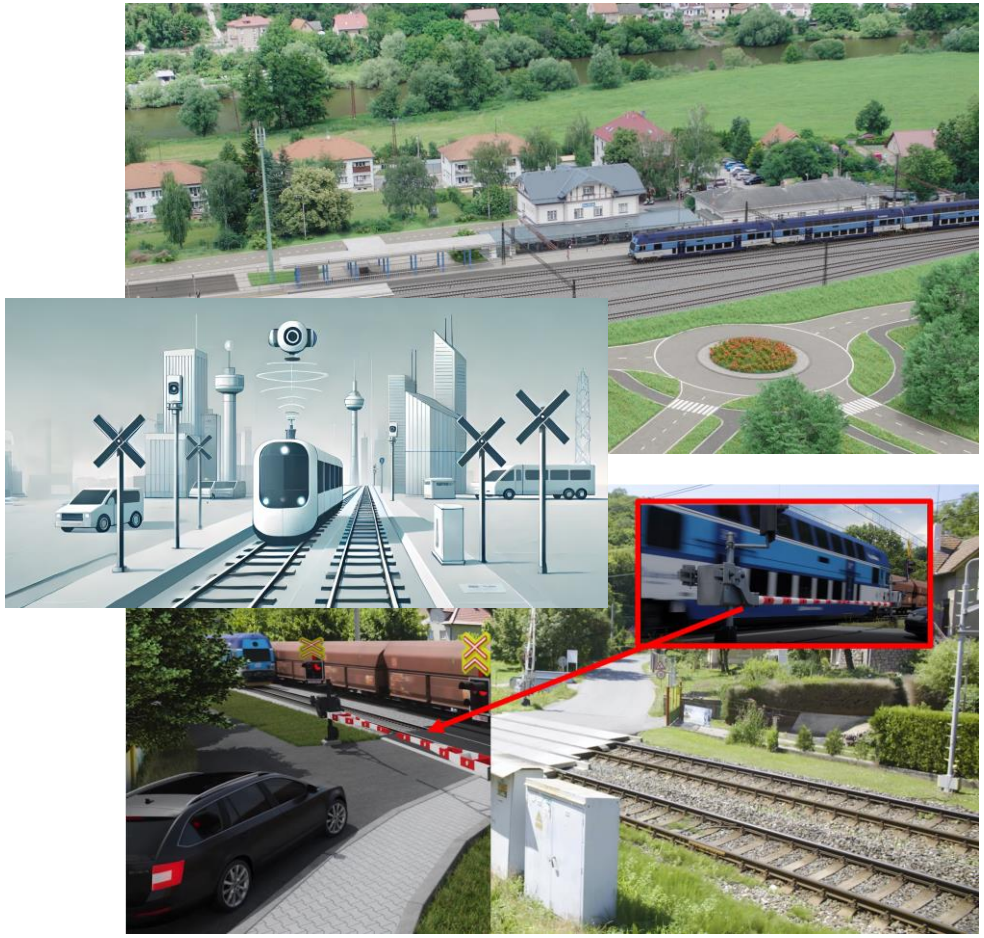
Data for Machine Learning of the Anticollision System

Size: 5 team members, 2 years project

IXPERTA and IT4Innovations developing the simulation system for machine learning of anticollision system with obstacles on the track:

- Simulated data with exceptional events on the railways.
- Data which cannot be simulated in real environment.
- Weather condition and exceptional events.
- Data for optical and infra cameras, LIDAR/RADAR
- Synchronized streams, timestamps and train positions on the simulated track.



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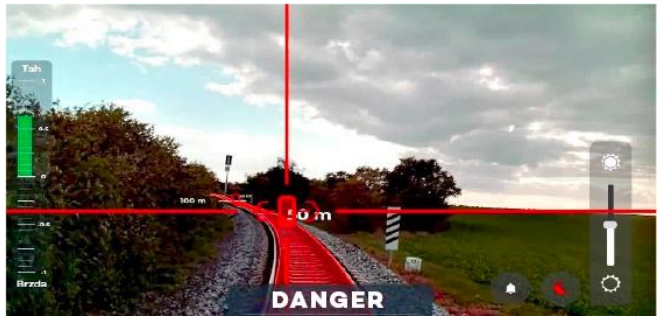
Track Obstacles Detection

Size: 5 team members, 2 years project

IXPERTA delivers solution to manage remote software updates of high-tech devices in laboratory networks:



- Objects recognition on the track from size 30cm size.
- Recognition engine with optical and infra cameras and LIDAR.
- AI separates obstacles from “safe” objects like papers, plastic bags, etc.

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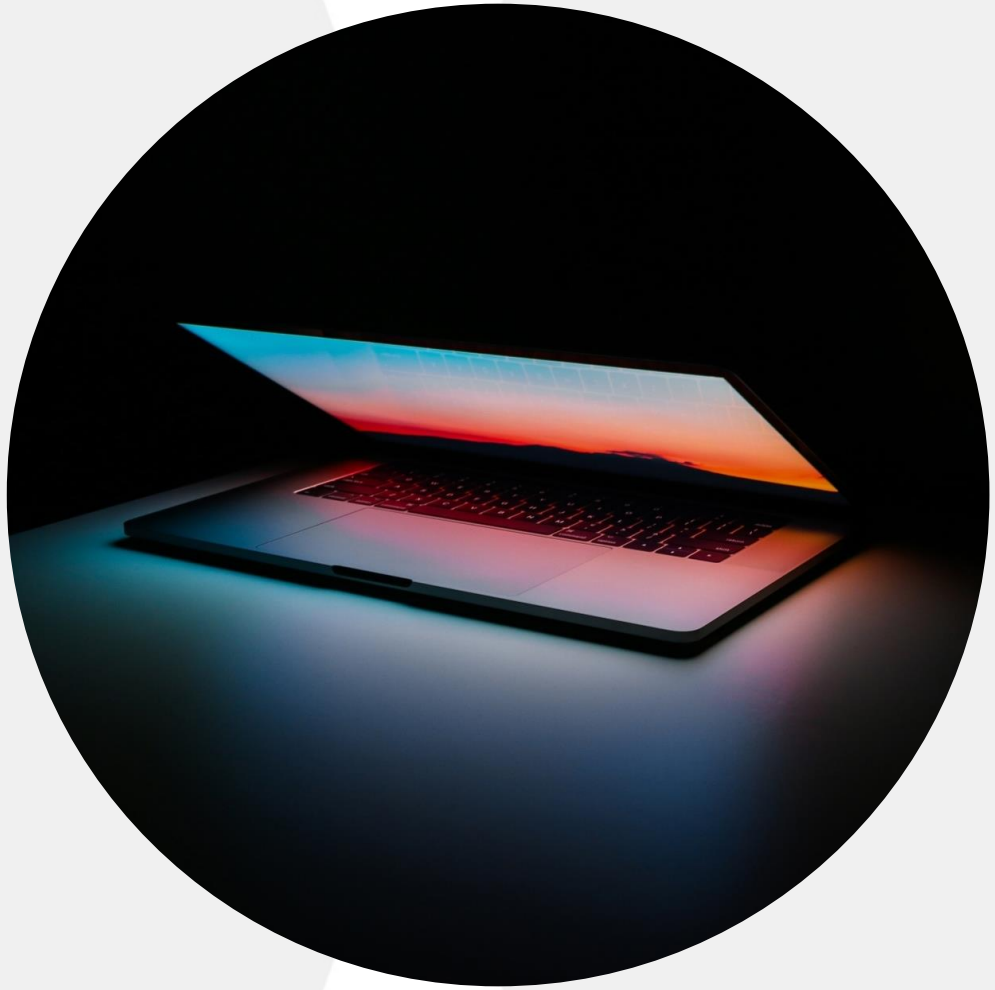

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