eMAN

WE MAKE CARS SMARTER

Innovative software for smartphones and car infotainment.

**SOLUTIONS FOR
AUTOMOTIVE**

HOME

MENU

APP

VOICE

Your Dashboard

7 notifications   7:05PM

Spotify
Ancient Covenant
The Faceless

Navigation
37 minutes
Marina Blvd 13A
START

WhatsApp
Matthew E
Yesterday
Father
27-05-18

Adriana
Active driver

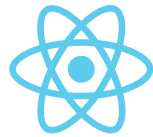## TECHNOLOGIES

Angular

React

Swift

Java

Kotlin

Objective C

SYSTEMS

CarPlay

androidauto

MirrorLink™

Android
Automotive OS

WHO WE ARE

There were four of us when we founded eMan in 2010.

Our team has more than 100 people today and you can find us both in Europe and in North America. We have over ten years' experience in development, operations, quality assurance, and servicing information systems as well as graphic design.

We develop applications for smartphones, tablets, web, cars, and other smart devices. Our clients include local companies as well as global corporations. Our products have saved users millions of dollars and are used by millions of people every day.
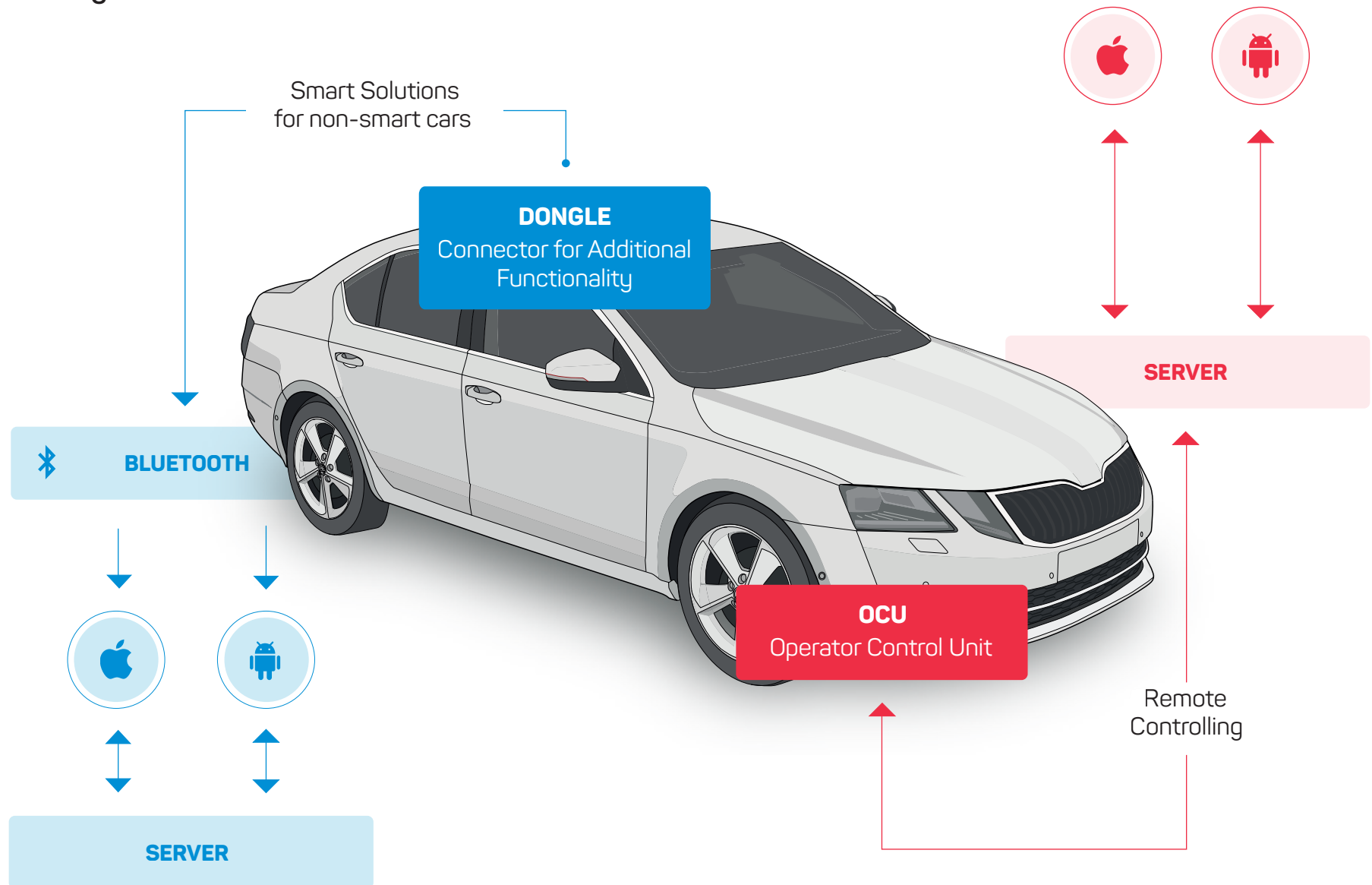
JIRI HORYNA

JAN HORYNA

TOMAS CERMAK

MICHAL KOSEK

WHAT WE DO

Controlling Solutions

Smart Solutions
for non-smart cars

DONGLE
Connector for Additional
Functionality

SERVER

BLUETOOTH

OCU
Operator Control Unit

Remote
Controlling

SERVER

Infotainment Solutions

Android Auto / MirrorLink

Apple CarPlay

ANDROID AUTOMOTIVE OS
Apps

ANGULAR / REACT
Apps

MENU

HOME

5 USD

Economic   Dynamic   Sport

63 miles
DISTANCE

00:43
DRIVE TIME

72 %
EFFICIENCY

83 %
Ø EFFICIENCY

46 mpg
Ø CONS.

Android
Auto

Apple
CarPlay

OCU
Operator Control Unit

SERVER

INTEGRATION
(data mining, services, etc.)

SKODA ONEAPP

Award-winning app: Infotainment of your car right in your pocket

Traffic data is processed directly in your mobile phone. You can see the latest driving information, overview of your records, and a log book or car diagnostics right in your infotainment. A list of nearby points of interest, phone calls, and weather forecasts are just at your fingertips. The racers among you will certainly appreciate the acceleration feature.
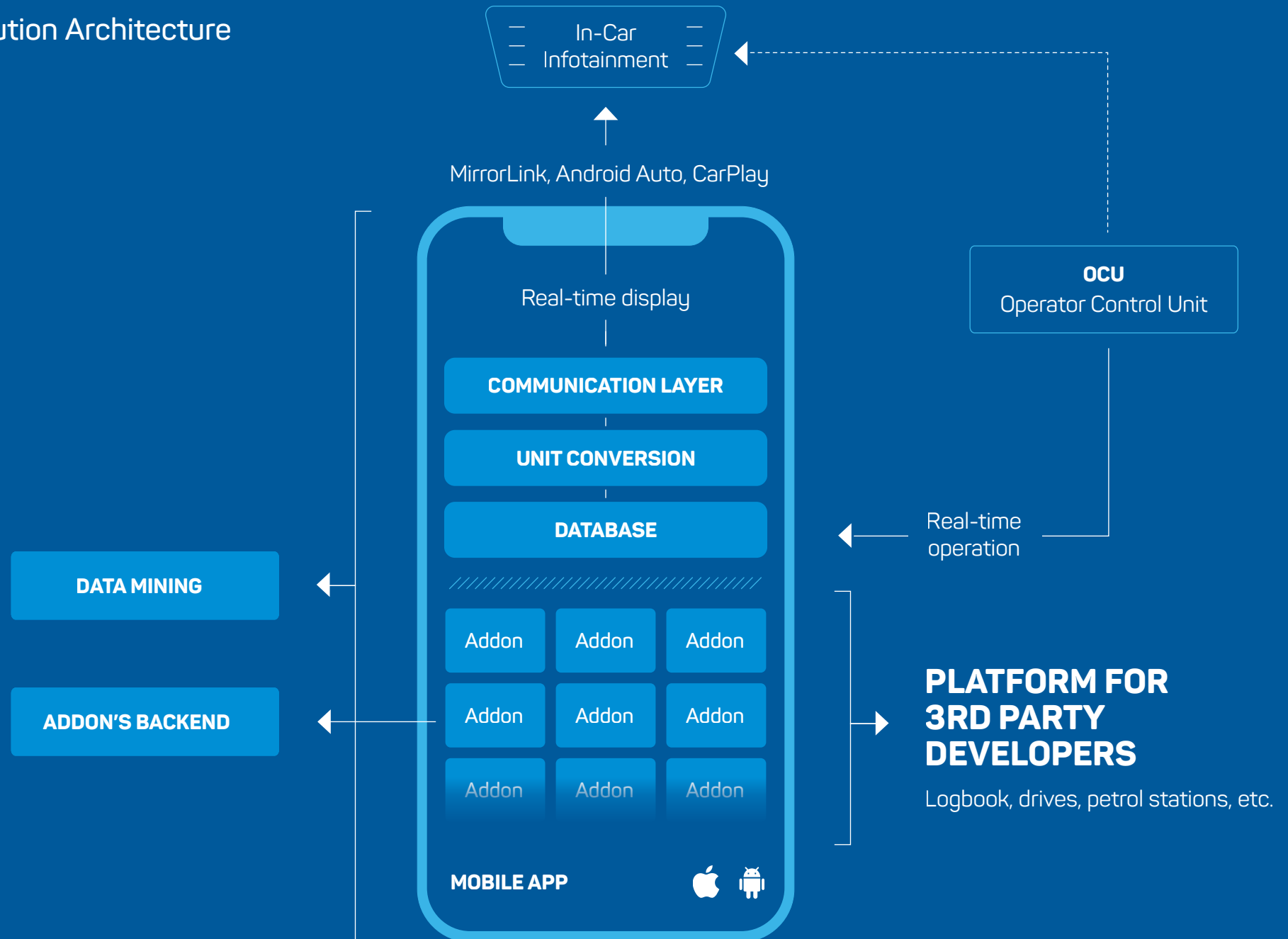
Client
SKODA AUTO

Realization
2015—2018

Operating System
Android/iOS

Solution Architecture

In-Car Infotainment

MirrorLink, Android Auto, CarPlay

Real-time display

COMMUNICATION LAYER

UNIT CONVERSION

DATABASE

Addon   Addon   Addon

Addon   Addon   Addon

Addon   Addon   Addon

MOBILE APP

DATA MINING

ADDON'S BACKEND

OCU
Operator Control Unit

Real-time operation

PLATFORM FOR 3RD PARTY DEVELOPERS

Logbook, drives, petrol stations, etc.

SKODA CONNECT

Smart remote control: Manage your car easily

As a driver, you can find out if you left the car unlocked or with the lights on right in the application. You can check how much fuel you have left in the tank or where you have parked. You can also plan your trip ahead by synchronizing your destinations with the car's built-in navigation.
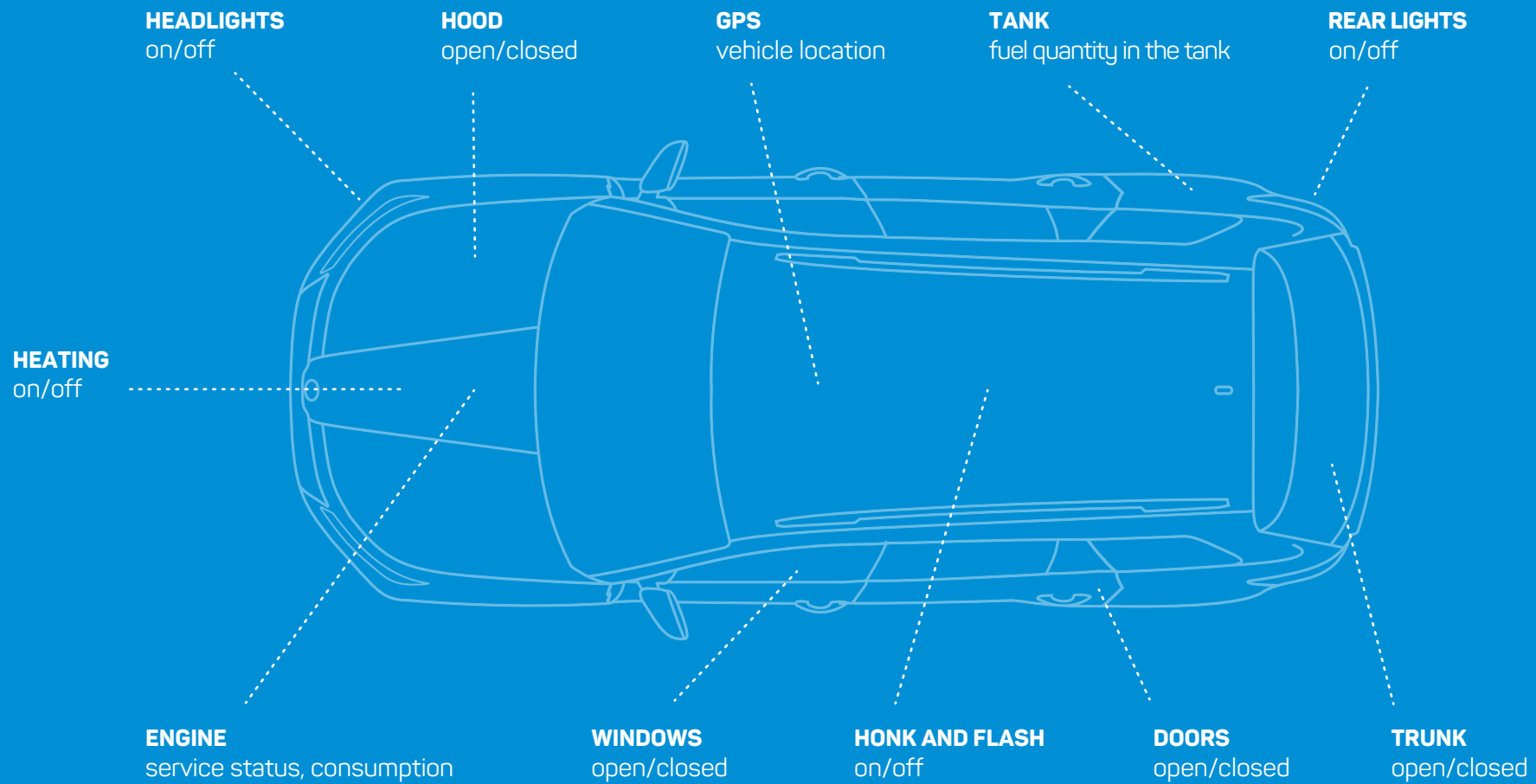
Client
SKODA AUTO

Realization
2016—2018

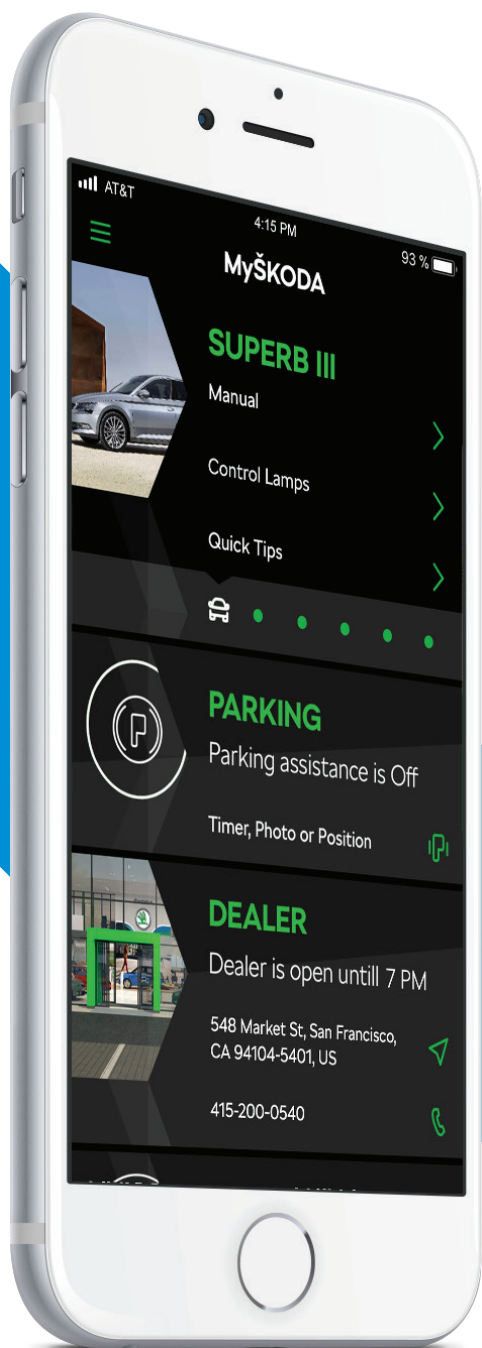**Operating System**
Android/iOS

Smart Car

HEADLIGHTS
on/off

HOOD
open/closed

GPS
vehicle location

TANK
fuel quantity in the tank

REAR LIGHTS
on/off

HEATING
on/off

ENGINE
service status, consumption

WINDOWS
open/closed

HONK AND FLASH
on/off

DOORS
open/closed

TRUNK
open/closed

MYSKODA

An assistant: Everything you need to know about your car

Load your car into the app and get a digital version of the tutorial and instructional videos. You can learn how to replace the bulb in your headlamp or find interesting facts and hacks regarding your car. PAUL, the interactive assistant, helps you organize time according to your calendar, fuel status, and traffic and weather conditions. You can also communicate with SKODA dealers via the application.

Client
SKODA AUTO

Realization
2017—2018

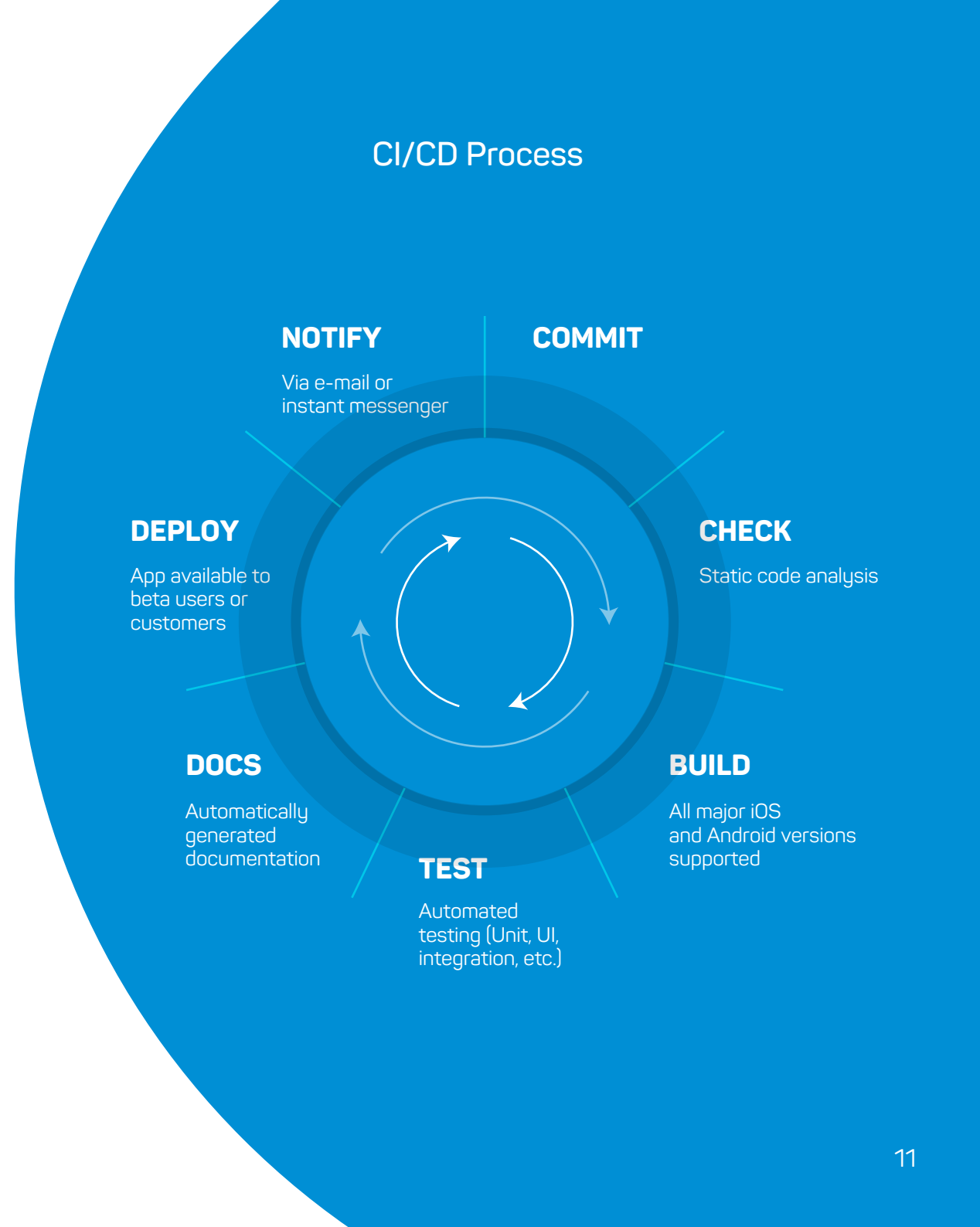**Operating System**
Android/iOS

IT PROFESSIONALS BODYSHOP

We handle SKODA mobile apps

Together with the SKODA internal MOAP (MObile APplication) team we publish and support mobile apps meant for end users. Our experts work directly with SKODA and ensure the CI/CD process and code review of all SKODA applications. They also provide analysis and keep an eye out for trends in the mobile application world to set proper guidelines for future apps.

We help digitalize the SKODA company

The K2 Content Management System makes processes easier and eliminates useless paperwork. Our onsite experts implement web and portal applications which gather all information the users may need. They develop mainly on .NET and Java platforms.

CI/CD Process

NOTIFY
Via e-mail or instant messenger

COMMIT

DEPLOY
App available to beta users or customers

CHECK
Static code analysis

DOCS
Automatically generated documentation

BUILD
All major iOS and Android versions supported

TEST
Automated testing (Unit, UI, integration, etc.)

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