

Complete management of function development (phone & appconnect)

Supporting successful delivery since 2013.

Successfully had started first Škoda solution SmartGate in 2013, then Škoda SmartLink including Apple Car Play and Android Auto in 2017.



IXPERTA will provide you with comprehensive service related to the development of infotainment functions

Our experienced team has been working in the VW group environment for several years and has been behind the successful modular launch of the last three generations of units on the market.

We will accompany the entire process of infotainment function development. From the creation of assignment and technical documentation, support in evaluating potential suppliers, ensuring the correct implementation of the required functionalities, communication with suppliers, comprehensive ongoing system testing, error and change management, to the final certification of infotainment by companies Apple and Google.

Technical documentation management

Creation and management of technical specifications (Doors, Doris) Creation and management of test specifications (CodeBeamer) Communication with solution suppliers (RFQ, OPL).

Function development management (development)

Product implementation control Change request management Close cooperation with the supplier (day to day delivery) 100% test coverage of system functionality Error management (KPM, Jira) Management of test benches.

Apple Carplay & Android Auto Certification

Managing the entire certification process (MFI) Compliance control of the entire system Certification testing (Facets, Google) Ensuring individual audits (laboratories, technical resources) Communication with certification authorities Google, Apple.

Continuous Improvement

Technical support for customer service Collaboration with the quality department (EGF) Collaboration with mobile device manufacturers (Samsung, etc.) Collaboration with mobile application developers (Mapy.cz, Porsche Auto, etc.).

Product or service advantages

- Assuming complete responsibility for the development of Apple Carplay, Android Auto and phone handsfree functions.
- Creation and management of technical and testing documentation Implementation control and communication management with suppliers Ensuring 100% testing and functionality of the system
- Ensuring all certification activities and successful delivery of certifications for BMG release Complete management of the testing environment and human resources.



Technical specifications and product details

Experienced team, familiar with VW AG environment

Certification project management: experienced professionals with comprehensive knowledge of the certification environment, experience from 10+ certification runs, personal connections with Apple and Google, and knowledge of 3rd party collaborating parties.

Function owner: excellent knowledge of the VW AG environment and processes, detailed technical knowledge of the functional area, with the ability to collaborate across other functional areas, responsibility for module development, as well as working at the brand level, many years of experience with HW and SW suppliers, collaboration on a global level (India, Brazil) and intra-company (Porsche, VW, Seat).

Certification specialist/tester: long-term experience with testing both Apple and Google platforms, knowledge of documentation, and tracing tools.

System testers: experienced team with technical knowledge, actively collaborating on updating the test specification, with a comprehensive view of system testing as a whole.

Tools: KPM, CodeBeamer, JIRA, Doors, Doris, Confluence, tracing tools, etc.

Team: sharing experiences (knowledge base), well-developed training program, and talent scouting

Successful delivery of certification and BMG for 6 projects between 2017-2024

- Certification (BMG) of MIB2 Entry system (LG)
- Module responsibility Certification (BMG) of 1st wireless CarPlay & Android Auto worldwide! (Panasonic)
- Module responsibility Assuming responsibility for the development of MIB3 Einstieg SOP3 and successful certification delivery (Luxoft)
- Module responsibility Certification (BMG) of head unit developed by VW India (Visteon, Mahindra)
- Module responsibility Testing, error management, and certification support of MIB3 Options
- ICAS (Škoda brand responsibility)
- Support of the VW Brazil development team and successful certification (Visteon)
- Consulting role Collaboration on the development and implementation of the proof of concept for the "MYŠKODA" applications (Porsche Auto)
- Collaboration on the Connectivity Workshop for OneInfotainment to define the future system (Audi).

References

- Peter Sand (project lead VW),
- Bernward Ratzke (FO VW)
- Gunther Wache (FO VW)
- Lars Kraemer (Cariad)
- Alexander Dersk (FO Cariad)

