

#### ZAL Center of Applied Aeronautical Research

## CONTACT

ZAL CENTER OF APPLIED AERONAUTICAL RESEARCH

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# INTELLIGENT DIGITAL CABIN IMPROVING FLIGHT EXPERIENCE



#### **DID YOU KNOW...**

That our R&T team can solve most technical tasks you present to us? **40 scientists and engineers** are waiting to support you. From A like "AI" to Z like "ZAL Fuel Cell Lab", we can offer you multidisciplinary solutions.

We realize your vision, and even more, we make it fly. As we are **located in one of the most advanced research centers** for civil aviation worldwide, you can be sure that our solutions meet the complexity of aviation.

## YOUR CHALLENGE

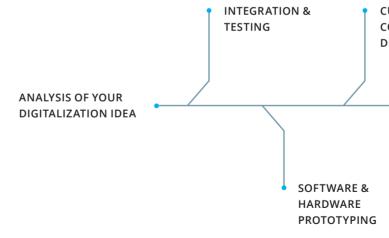
The Intelligent Digital Cabin is promising further cost savings for airlines through optimized maintenance, cabin & ground operations as well as new revenues through innovative digital cabin experiences. However, these smart functionalities need to be integrated into the new digital ecosystems.

## **OUR SOLUTION**

ZAL is offering agile and cost-optimized concepts development as well as integration testing for tomorrow's Intelligent Digital Aircraft Cabin.

#### YOUR ADVANTAGE

- We offer customized aircraft IoT solutions from a single source: including definition, development, and integration tests.
- Our development is based on open industrial standards and latest trends in the aviation industry.



• We are part of the industrial and scientific community which fosters the fast integration in the new arising digital ecosystem.

CUSTOMIZED CONCEPT DEVELOPMENT

TOPICS

- IoT Solutions
- M2M Communication
- Edge Computing
- Sensor Data Acquisition
- Data Processing & Analysis
- Consulting & Technology Scouting