Research Studio

SMART DIGITAL INDUSTRIES AND SERVICES

RSAFG
Research Studios Austria Forschungsgesellschaft

SDIS

Experience
#researchthatmatters
researchstudio.at

VISION
Innovation and scientific transfer from universities into the markets

MISSION
Research that matters

STRATEGY
As a 100% expert organization, successfully map, manage and lead all activities in projects to useful results for users.

LOCATIONS
Salzburg, St. Pölten, Linz and Wien

RESEARCH STUDIOS
6 research studios

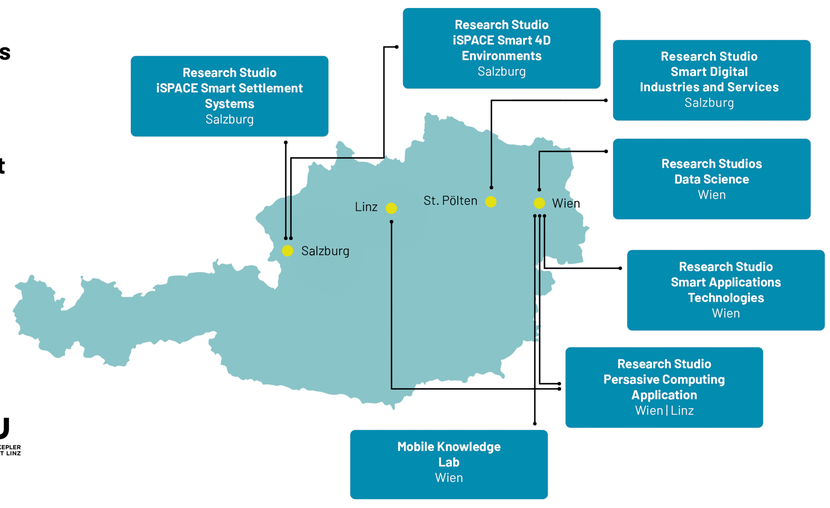
TEAM
57 researchers and managers

About RSA FG

- **entrepreneurially** managed
- **not-for-profit**
- **transnational** research organization
- for more than **20 years** RSA FG has been working as **flexible, agile research** teams with **university** institutes and **companies**

The Research Studios ...

- provide **rapid translation** of university scientific research into **innovative solutions** and **products**
- drive **technological developments** in thematic niches directly to the **demonstration** and **prototype development** stage
- fulfill their **translational function** with the method of Iterative Rapid Prototyping
- focus on key topics and bear the earnings risk for **cutting-edge technologies**
- are **strategically** anchored at selected **partner universities**



About SDIS

The studio, based in Lower Austria, is engaged in the development of digital technologies and innovations to optimize industrial production and services and make them more sustainable.

Research areas of the studio

INDUSTRY 5.0

- Learning algorithms for predicting maintenance requirements
- Optimization of production processes
- Reduce downtime and increase productivity

INTERNET OF THINGS

- The networking of machines and devices makes it possible to collect and use data in real time
- The data is used to optimize processes and improve efficiency

EDGE-TECHNOLOGY

Processing and analysis of data directly at the source

- Latency is reduced and efficiency is increased
- Edge computing to analyze data in real time: faster decisions can be made and productivity increased

Research projects

AIMS5.0 – Artificial Intelligence in Manufacturing leading to Sustainability and Industry5.0

5/2023–12/2026 | Coordinator: Infineon Technologies | 53 partners (AIT, TTTech, BMW, NXP, Philips, ...)

EdeN – Efficient decentralized sustainable food production

4/2023–3/2025 | Coordinator: FH-Prof. Dr. Thomas Felberbauer (FH

AGRARSENSE – Smart, digitized components and systems for data-driven agriculture and forestry

1/2023-2/2025 | Coordinator: Komatsu Forest Sweden | 52 partners from 15 countries of the European Union

Innovative and safe automation solutions for drones

7/2019–01/2023 | Coordinator: Infineon Technologies | with a consortium of more than 50 partners

Arrowhead Tools for Engineering of Digitalisation Solutions

10/2021–6/2022 | Coordinator: Technischen Universität Luleå | with 80 partners from 18 countries

The Team

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