



# CELTIC-NEXT



## Proposers Brokerage Day

24<sup>th</sup> February 2025, Barcelona

Pitch of the Project Proposal

*“to use and protect”*

**Privacy and safety driven Applications in the data centric world of Smart Hospitals**



UNIVERSITÄT  
LEIPZIG

Medizinische Fakultät



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# Teaser

## The Challenge

-  Smart Hospitals generate vast amounts of data.
-  Healthcare data requires protection but holds potential for innovation.

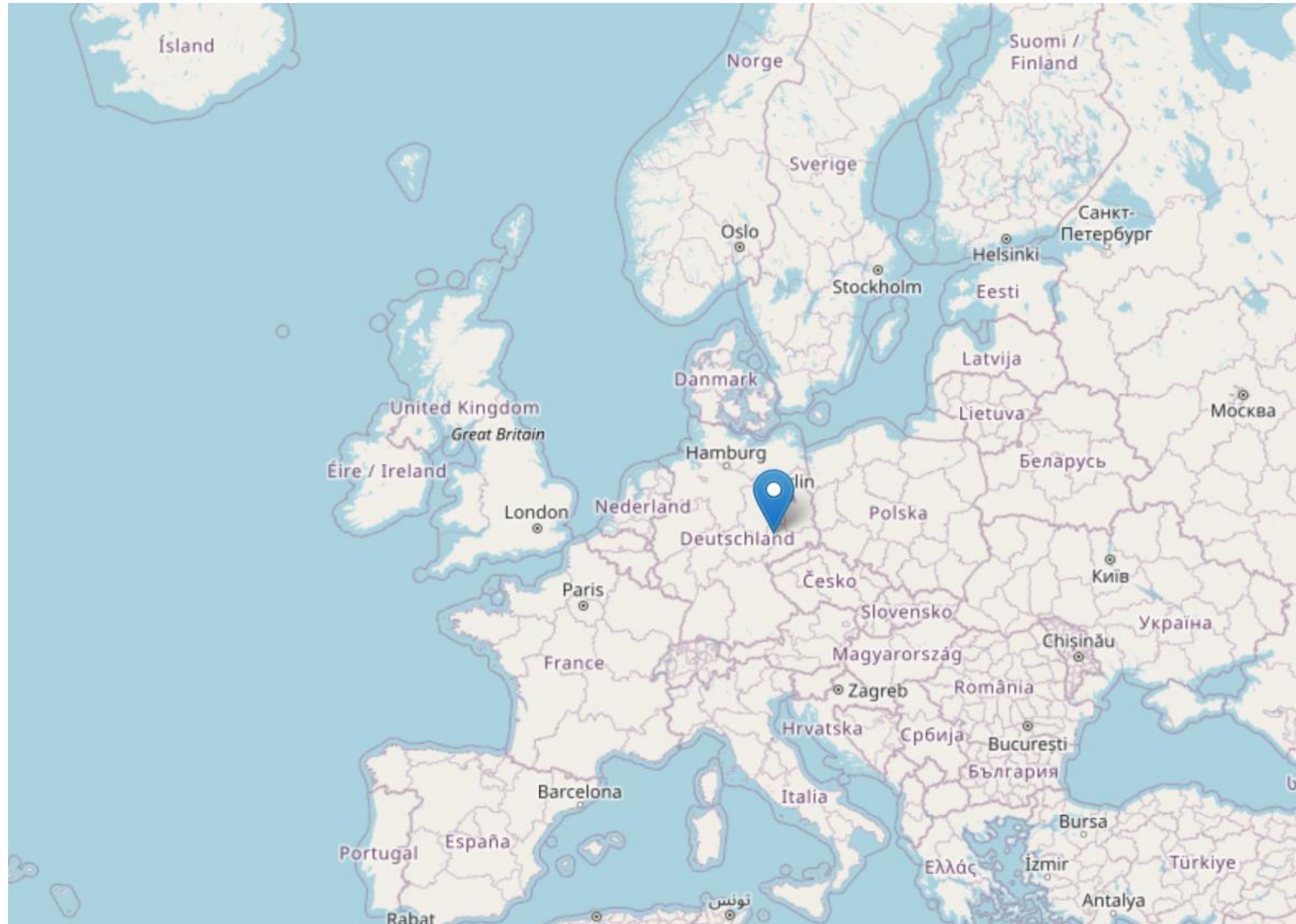
## Our Goal

-  pan-European concepts for utilizing healthcare data in medical and economic applications while ensuring compliance

# Organisation Profile

**ICCAS**

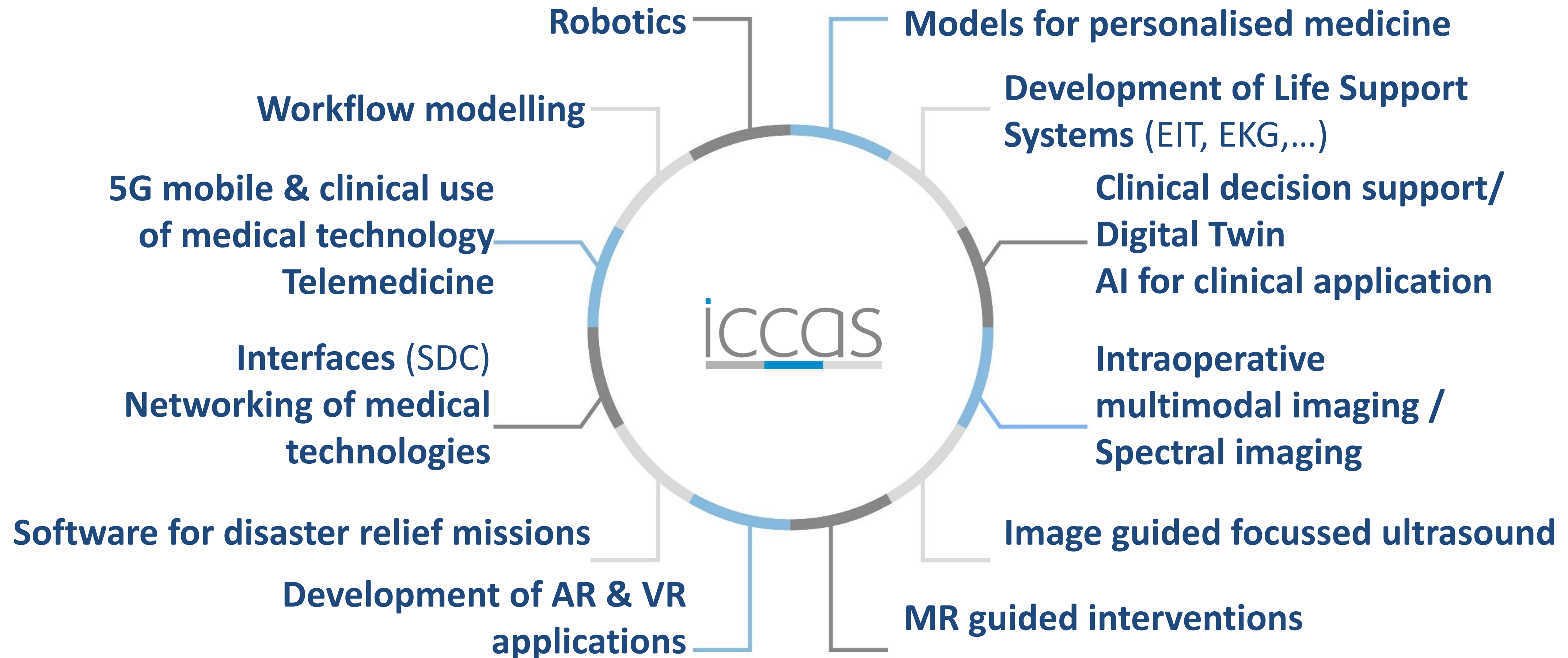
- ICCAS Leipzig
- Convergence of engineering, computer science and healthcare
- Pre-industrial Research & Development of Digital technologies of the future medical sector
- Contract research, services, TRL3-7, collaborative projects
- Very close cooperation with clinics
- Exclusively application-relevant projects



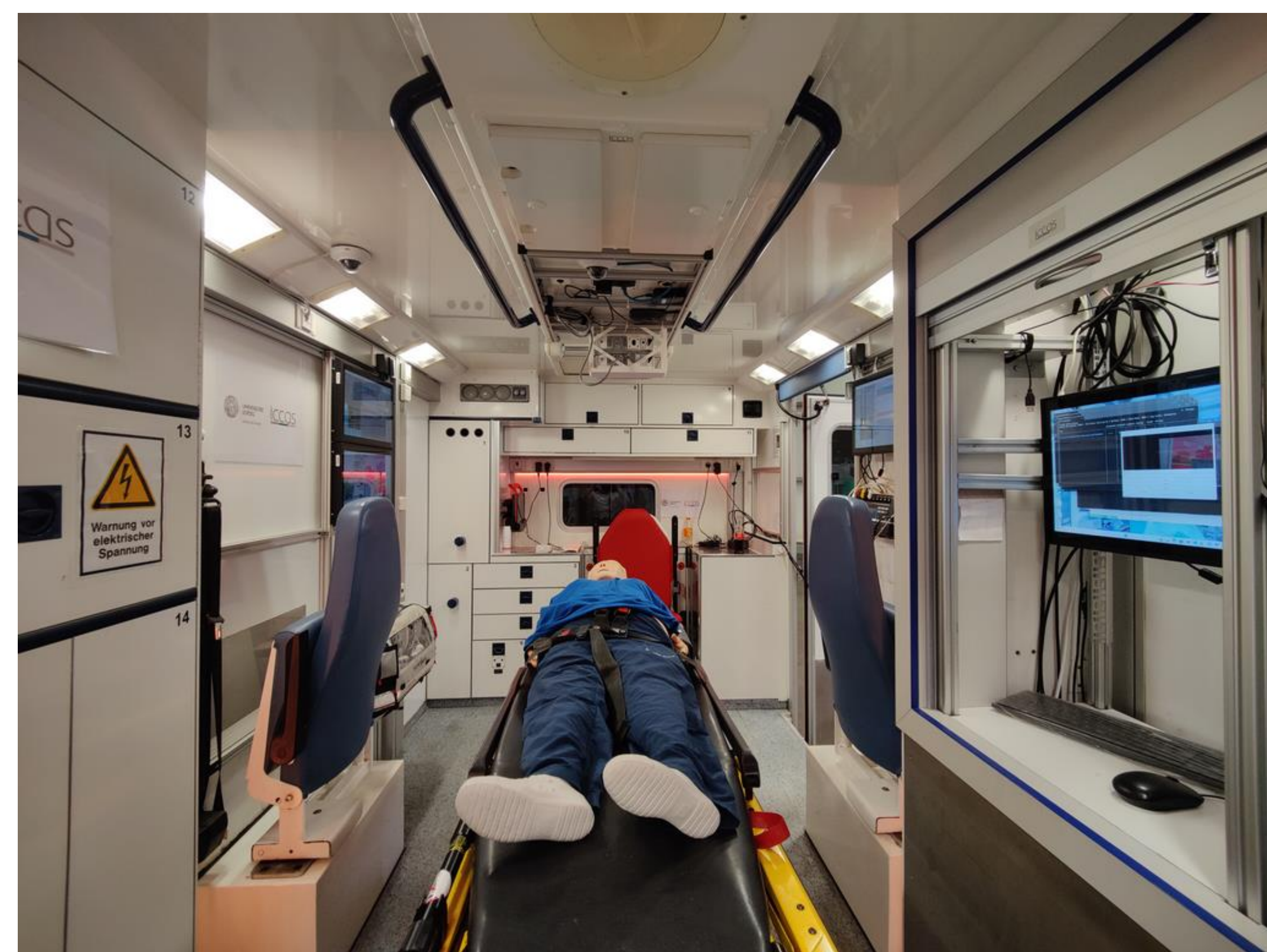
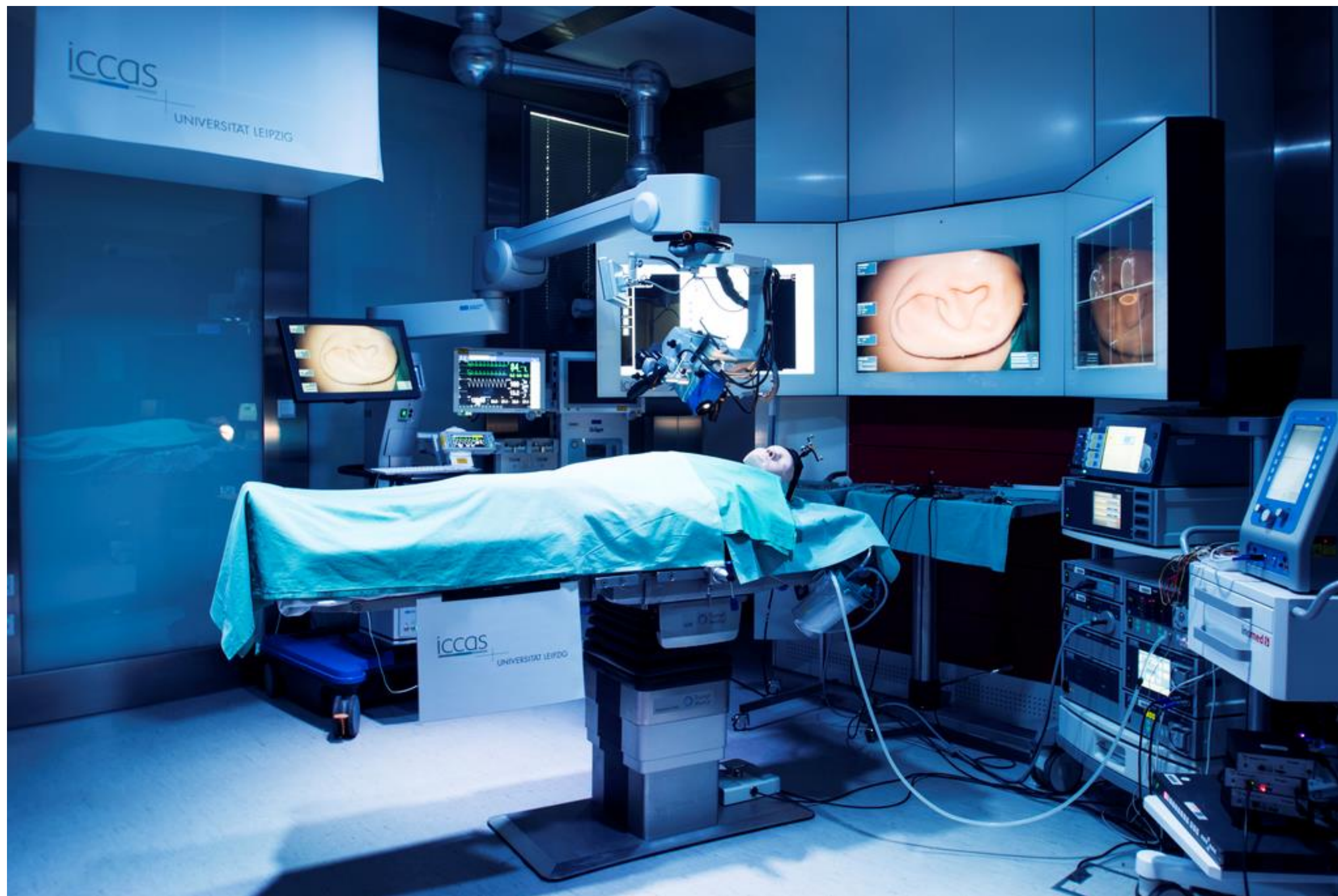
[www.celticnext.eu](http://www.celticnext.eu)

- **ISO 13485 certification**

# Organisation Profile



# Team Communication Systems and Standardisation



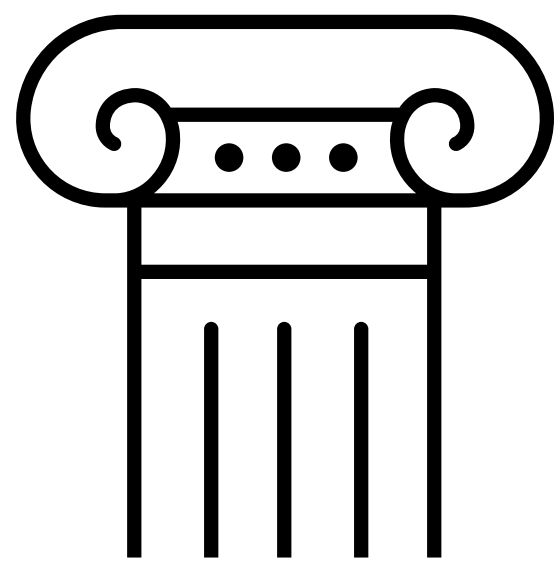
affiliation & e-mail of presenter

# Proposal Introduction (1)

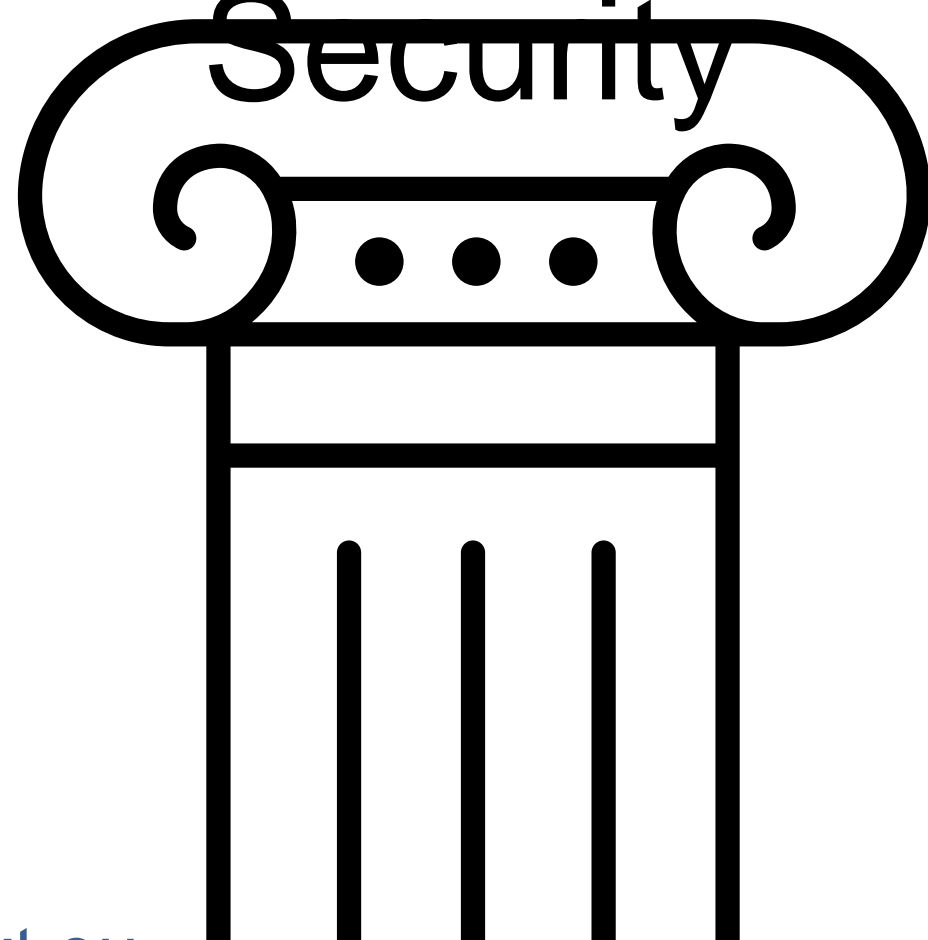
Smart Hospital automates task based on real time full-sensoric data about patients, processes and objects.

Big amounts of data tend to create desires to use and misuse them.

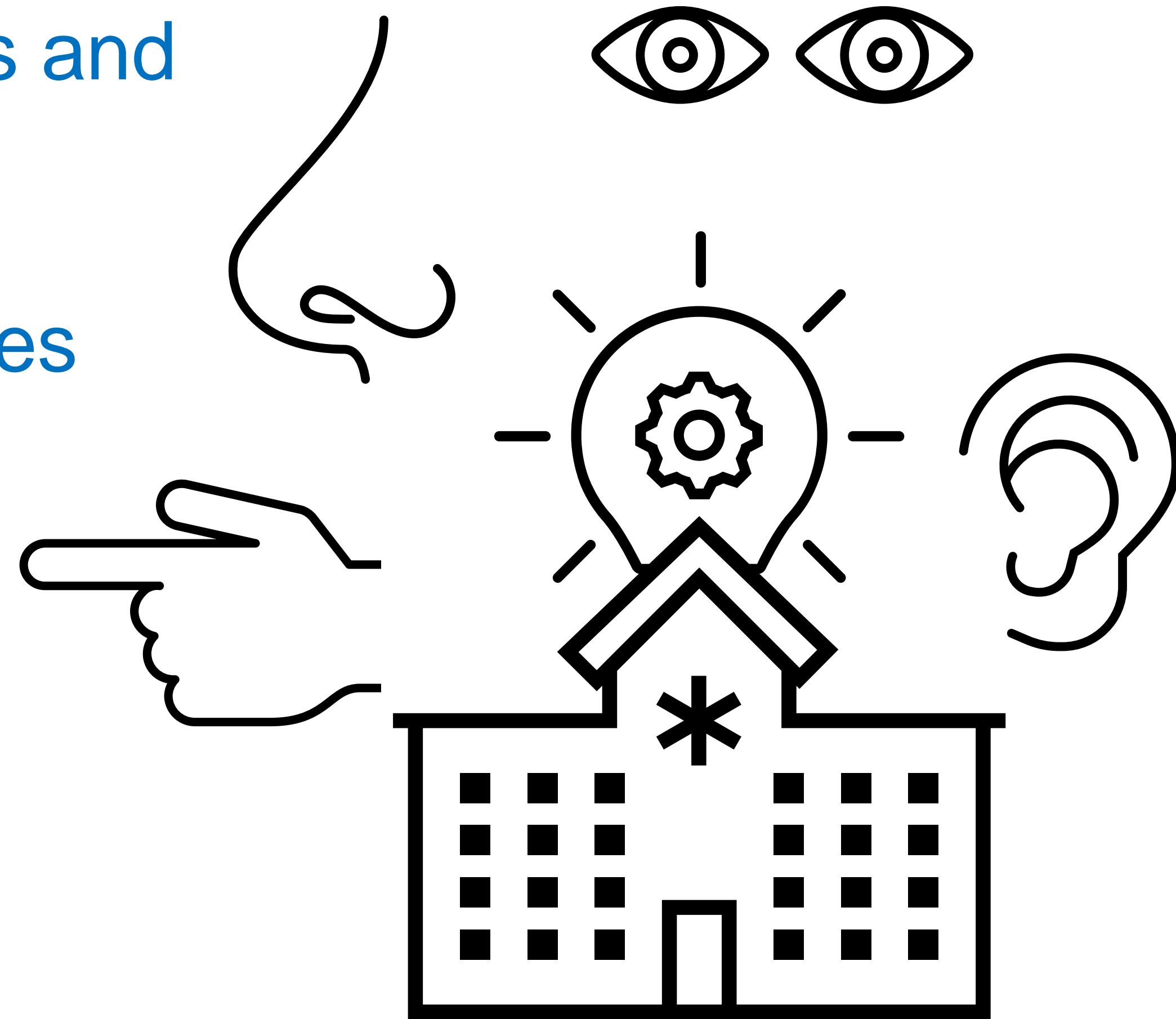
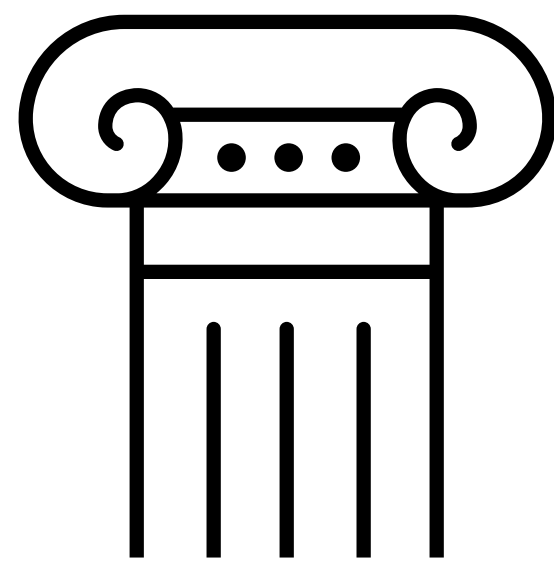
Safety



IT-Security



Data Protection



# Proposal Introduction (2)

*expected outcome of a three-year project:*

- 1. Record specific challenges in smart hospitals*
- 2. Create concepts that ensure*
  - smart tech respects users' privacy*
  - operational safety of the smart facility*
  - economic benefits for the operators*

# Partners



## Idea for consortium

### *Existing:*

ICCAS | Computer Science and Engineering

University Hospital Leipzig| Healthcare Professionals and IT-Staff

### *Wanted:*

Experts on MDR or GDPR like regulators, authorities, NGOs

Companies that create products & services according to the concepts



# Contact Info

**For more information and for interest to participate please contact:**

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**Presentation is available via**

