

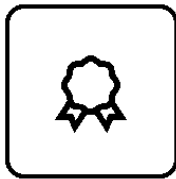
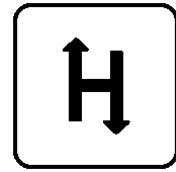


# KISK

Competence-oriented and job-specific IT security for employees in hospitals

## MOTIVATION

- Lack of IT security (ITS) skills and awareness among hospital employees
- Lack of transparency regarding ITS needs
- Missing of specific ITS-trainings to increase ITS-skills and ITS-awareness
- Challenge of sustainable ITS behaviour change



## RESEARCH QUESTIONS



**What** ITS competencies are needed for which employee profile?

**What** are the security-related training needs of employees in hospitals?

**How** can security-related behavior be impacted sustainably?

## KEY FACTS

**Methods:** Competence Measurement, Matching Methods, Data Collection, Field Studies

**Time Frame:** 2021 - 2024

**Project Volume:** 0,609 Mio. EUR

## PROJECT APPROACH

A structured approach to identify, measure, and develop task specific information security competencies of employees in hospitals

### 1 Defining ITS requirement profiles

- Derive job-specific ITS requirement profiles based on existing standard profiles and functional competence facets

### 2 Measure individual ITS competence profiles

- Assignment of ITS requirement profiles to employees
- Provision of situated and individualized competence tests
- Psychometric determination of individual ITS competence profiles

### 3 Develop ITS-trainings for ITS-requirements

- Deviation analyses between ITS requirement and competence profiles
- Determination of ITS training needs
- Implementation & Evaluation of ITS trainings in the hospital setting

### 4 Recommend guidelines for sustainable behavior change

- Identification of nudges supporting sustainable behavior change in ITS
- Implementation & Evaluation of nudges in the hospital setting



aufgrund eines Beschlusses des Deutschen Bundestages

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