

Capital Markets Day, 8 June 2018

# Helios – Innovation & Digitalization

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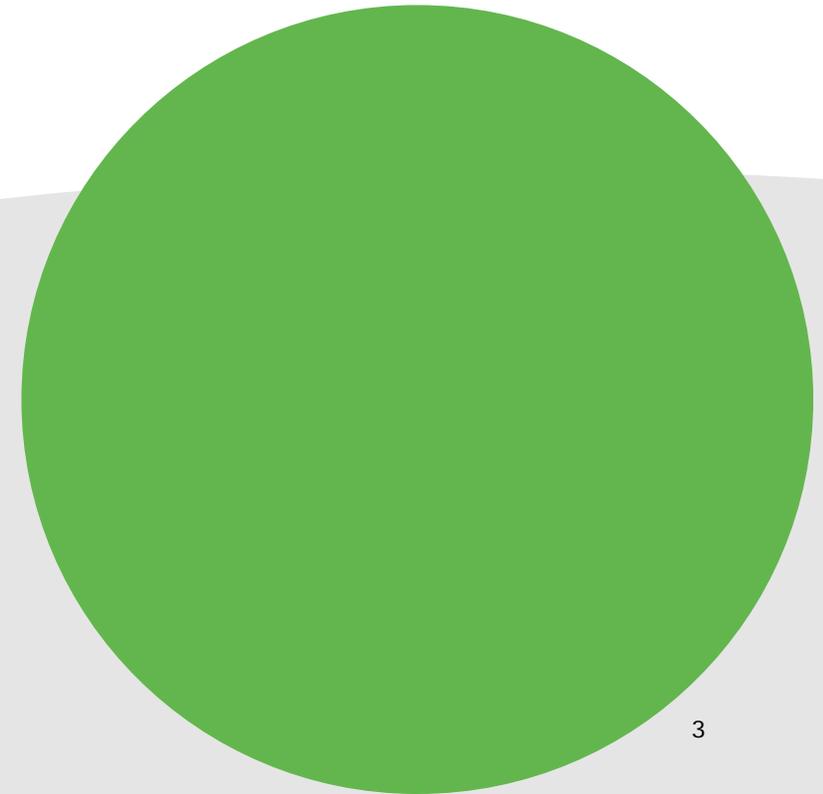
Jörg Reschke – CFO Helios Kliniken

# The Best of Both Worlds

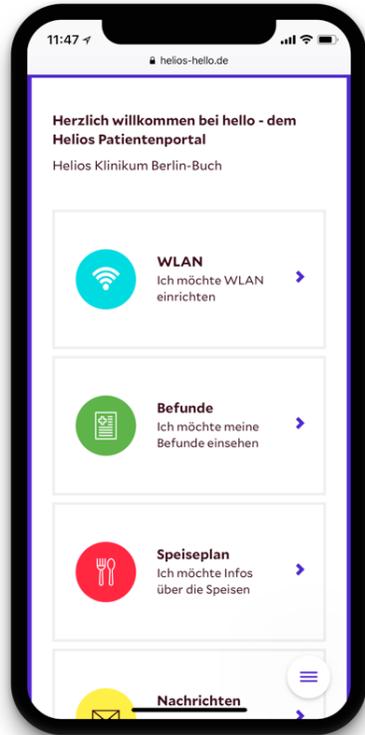


# Key Take-Aways

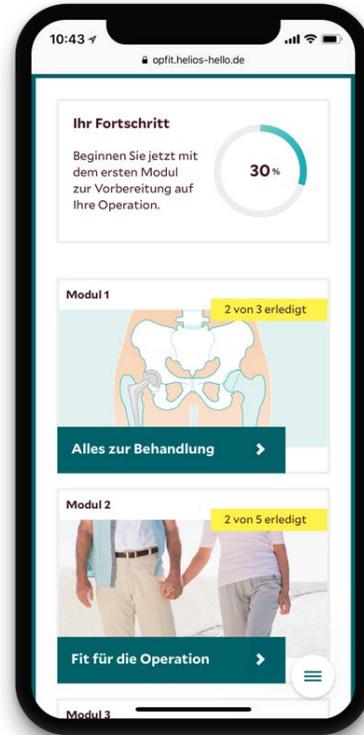
- Smart solutions ...
  - ... keeping in touch with patients
  - ... supporting the diagnostic and treatment process
- Digitalization fosters the connection with our partners
- A standardized data bridge is the way for exchange; data security and data protection is the frame



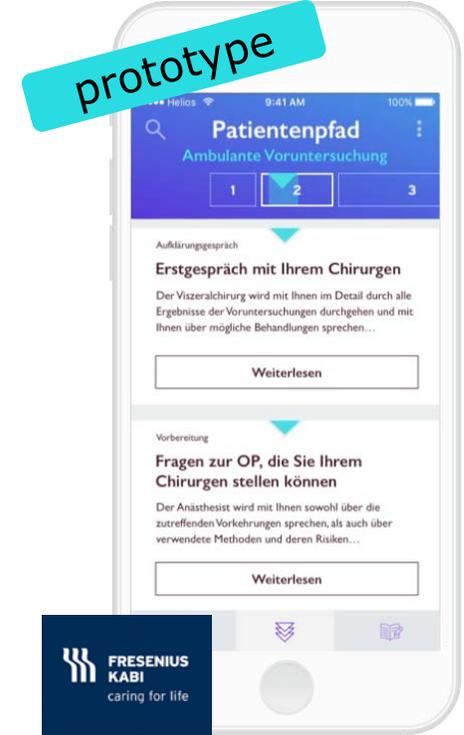
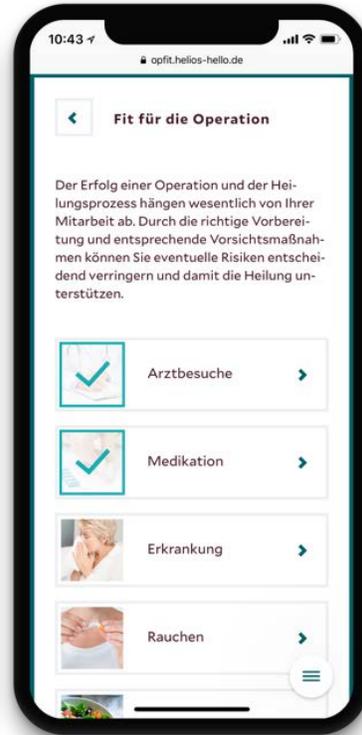
# Smart Helios – Product Portfolio



**hello**  
Patient portal



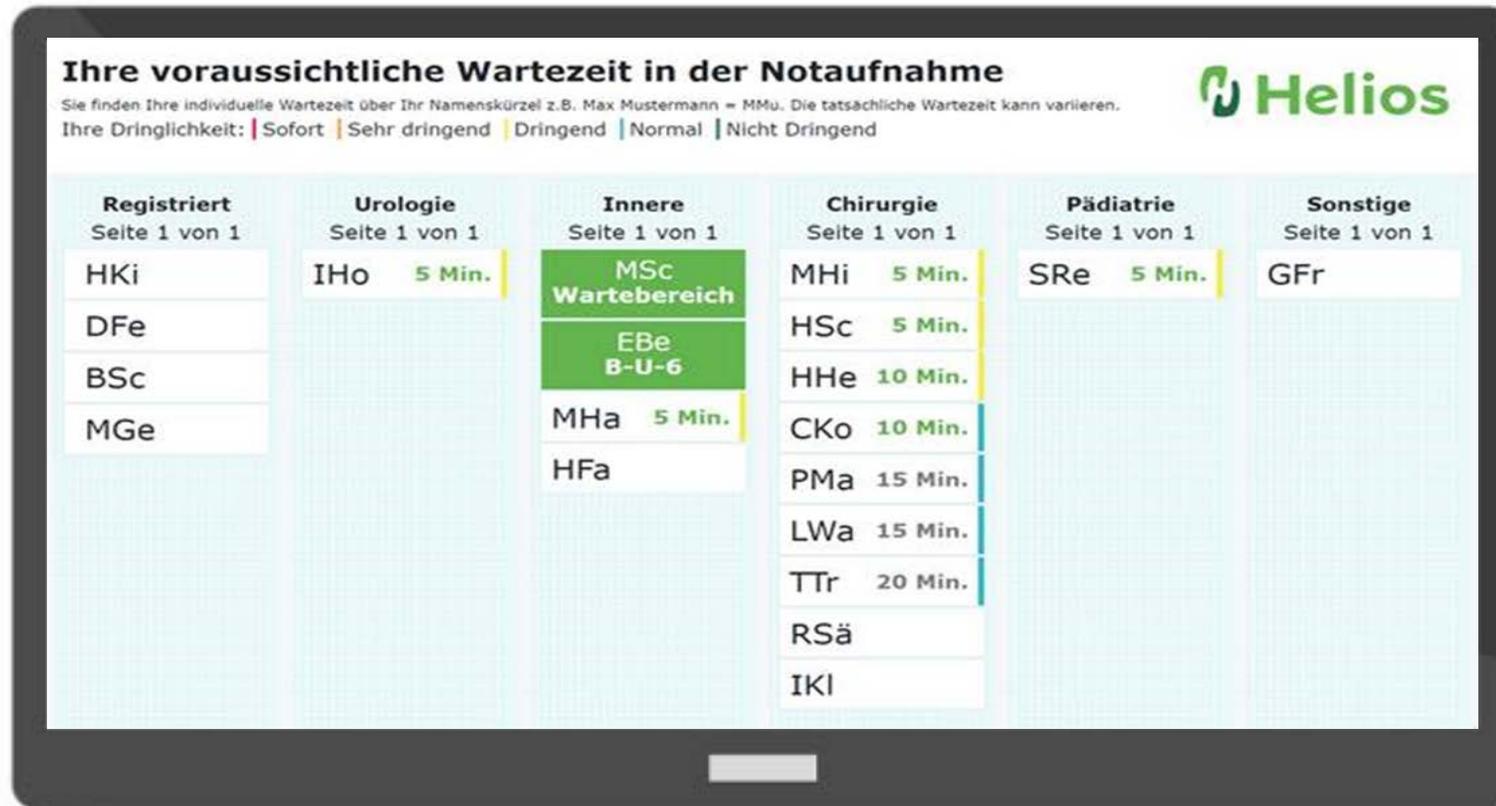
**OPFIT**  
Patient education and engagement Web service for hip replacement patients



**GUIDE ME**  
Digital companion and marketplace for home care



# Waiting Times Display



- ✓ Individual waiting time
- ✓ Pseudonym

## Emergency department

- Launched
- Roll-out in 5 departments

## Outpatient care

- Start testing: 06/2018

Monitor in the waiting area of the emergency department

# Mobile Hospital App "Wound Documentation"



Medical service order



Photo documentation



Progress report



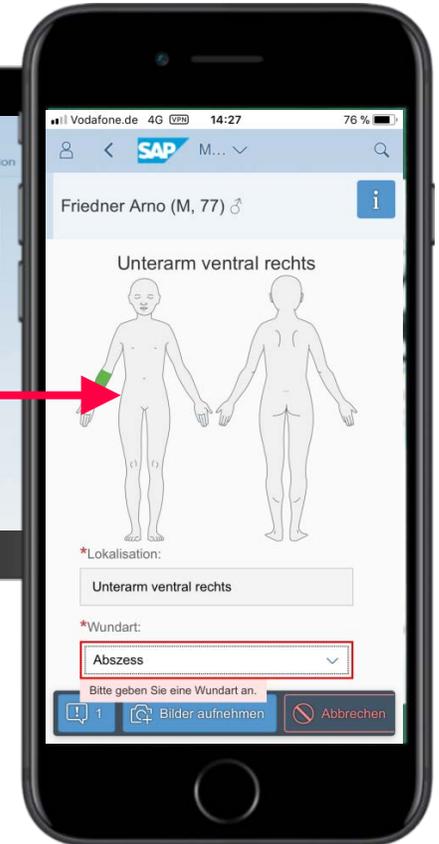
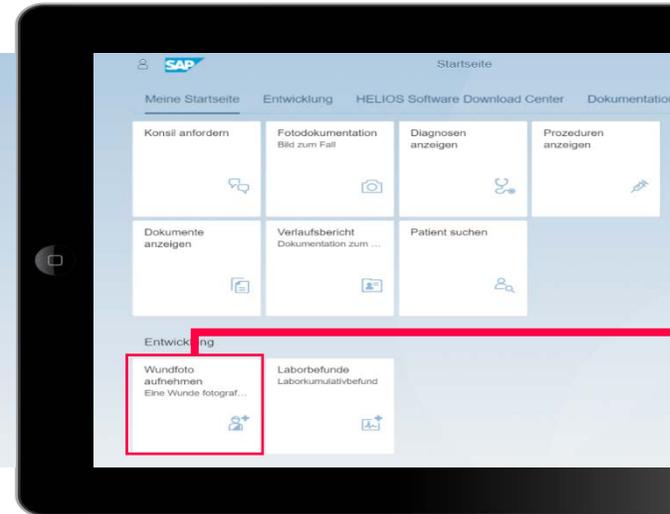
Diagnosis view



Procedures view



Document view



# Helios Status of Digitalization (EMR)

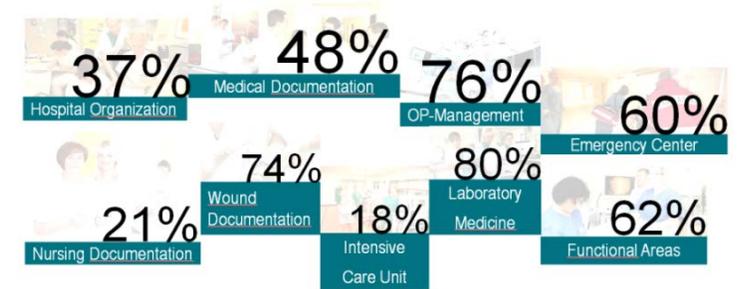
Clinical processes being evaluated



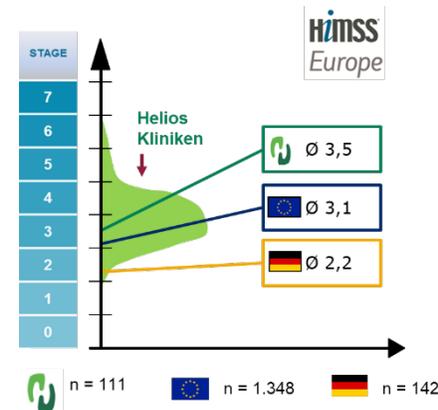
Digitalization Cockpit



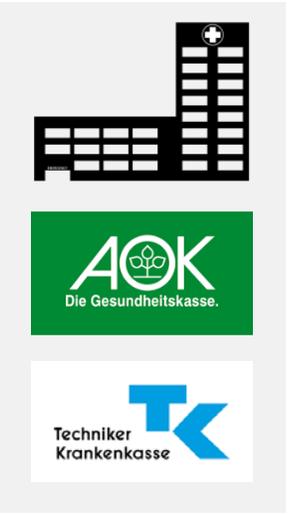
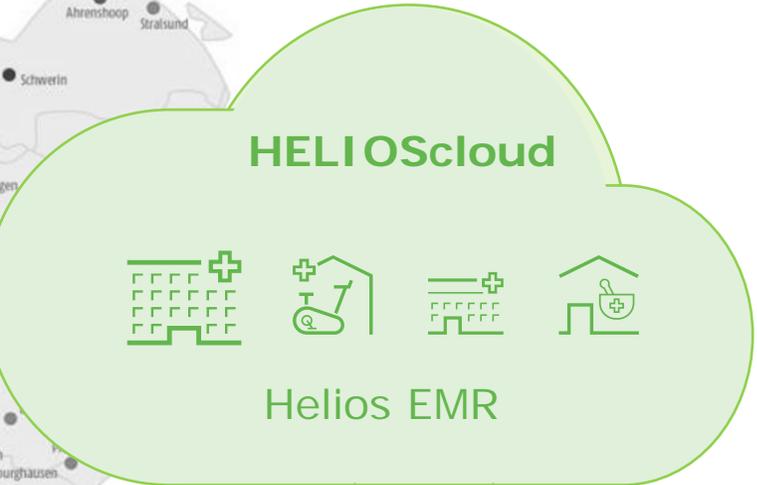
Clinical processes being evaluated



STAGE	HiMSS Analytics EMRAM EMR Adoption Model Cumulative Capabilities
7	Complete EMR, Data Analytics to improve care
6	Physician Documentation (templates), Full CDSS, Closed Loop Medical Administration
5	Full R-PACS
4	CPOE; Clinical Decision Support (clinical protocols)
3	Clinical Documentation, CDSS (error checking)
2	CDR, Controlled Medical Vocabulary, CDS, HIE Capable
1	All Three Ancillaries Installed – Lab, Rad, Pharmacy
0	All Three Ancillaries Not Installed



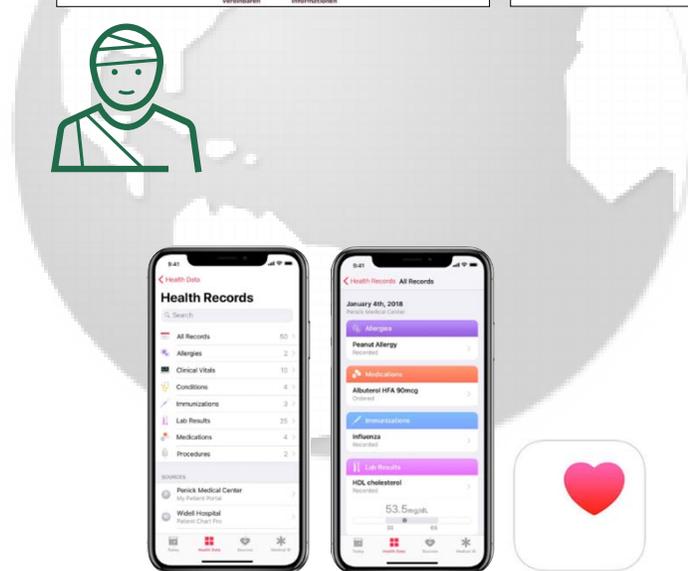
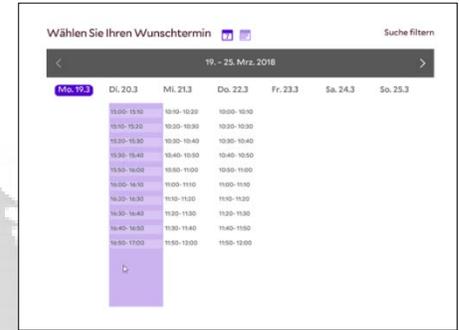
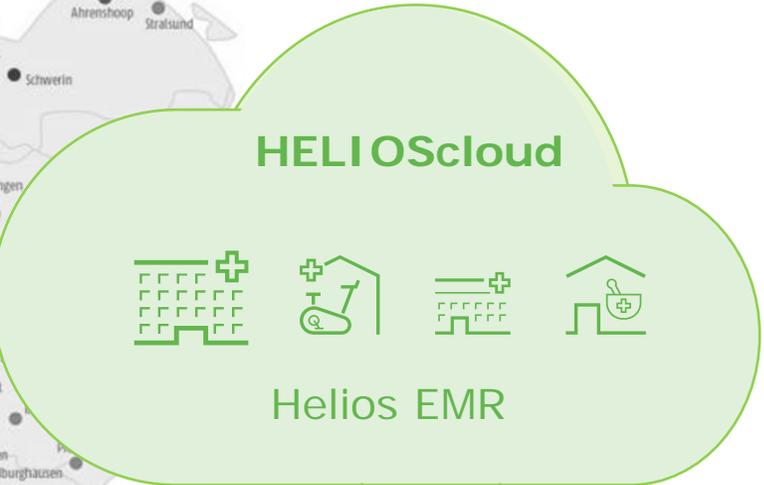
# Helios Bridge Ensures Connectivity



HELIOS follows a "1:n cooperation strategy":  
 -> connection to any partner within Fresenius and beyond

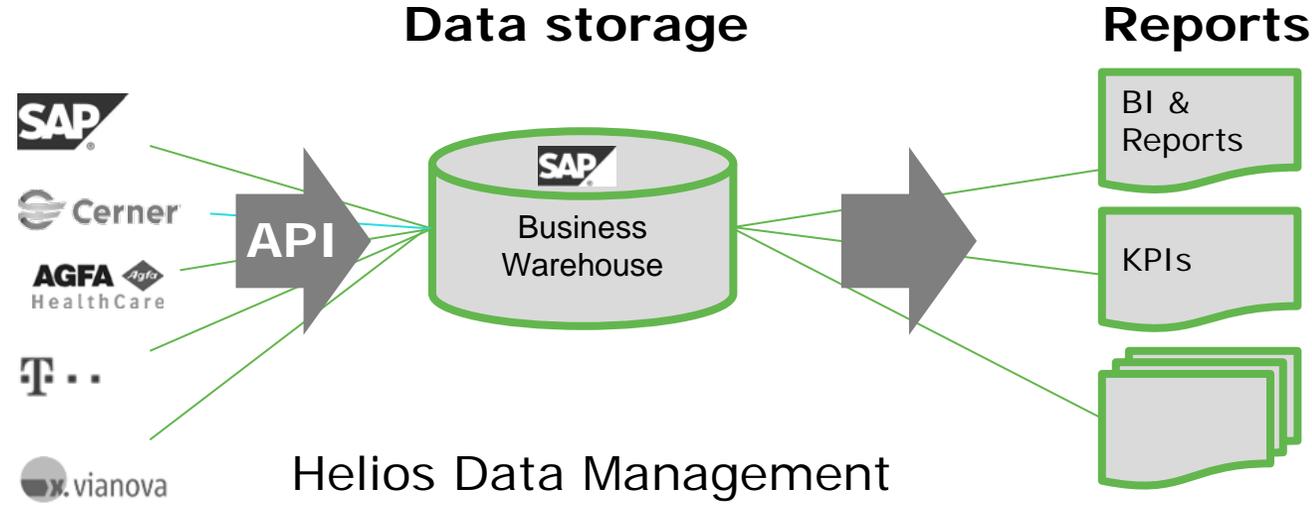
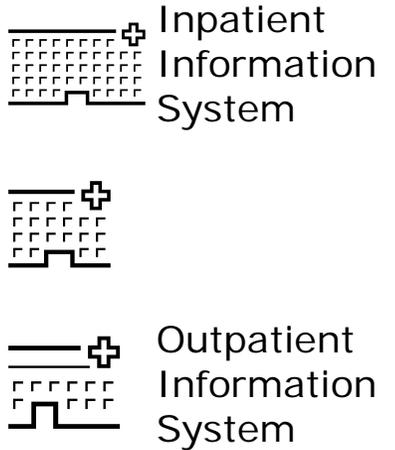


# Patient Portal and Electronic Medical Record



# Big Data

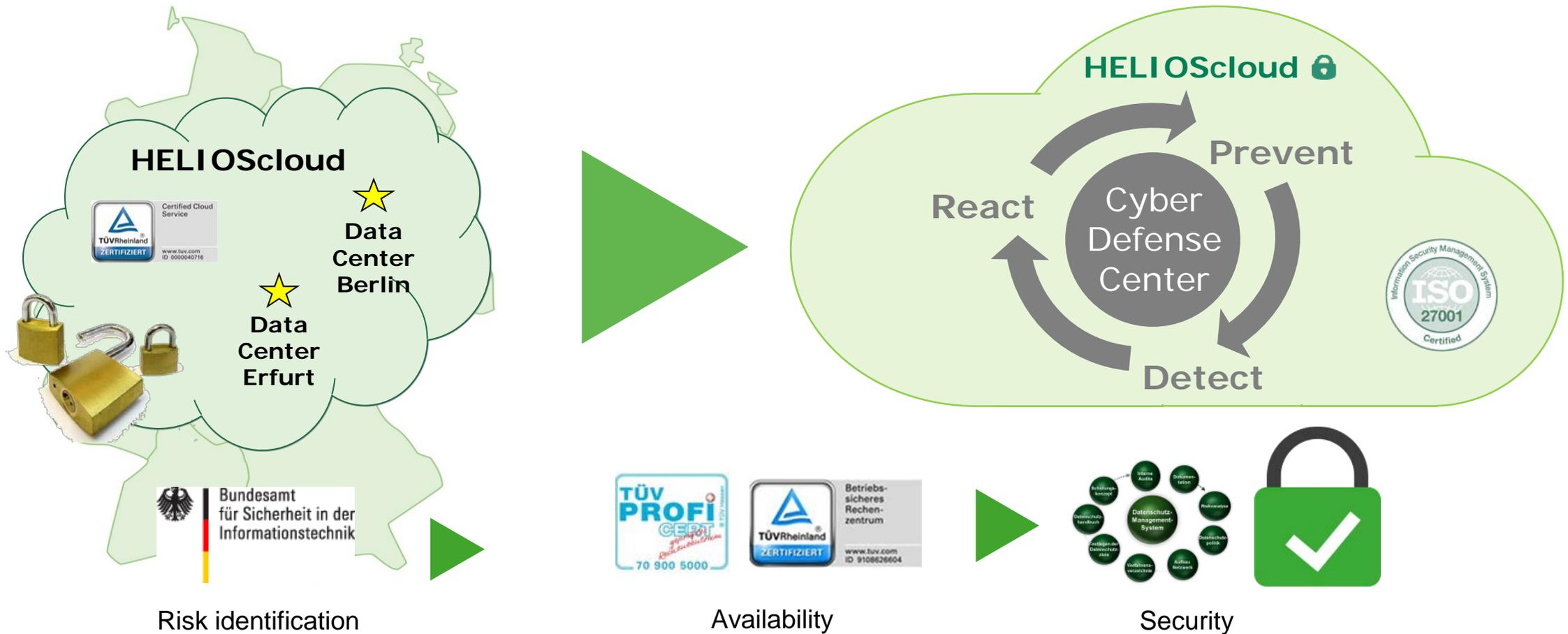
## Sources



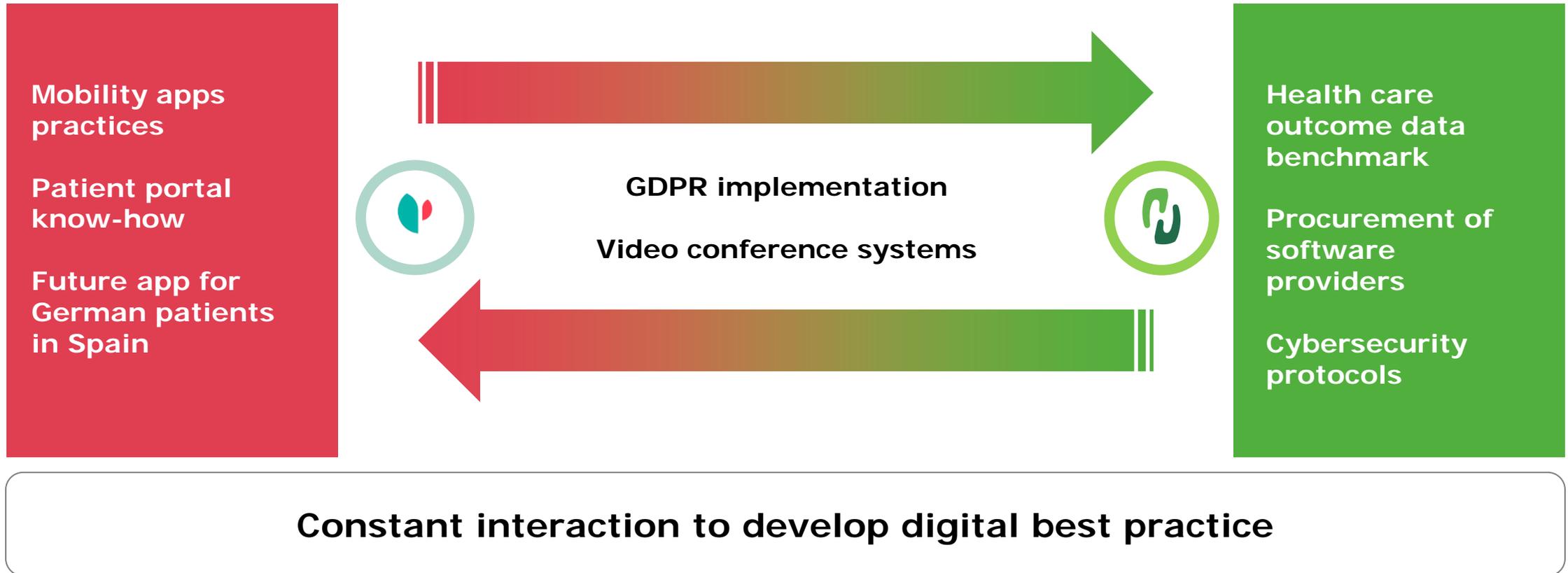
- SAP
- Cerner
- AGFA HealthCare
- T...
- vianova



# Actions for Data Security at Helios



# Best Practice Transfer



Thank you