

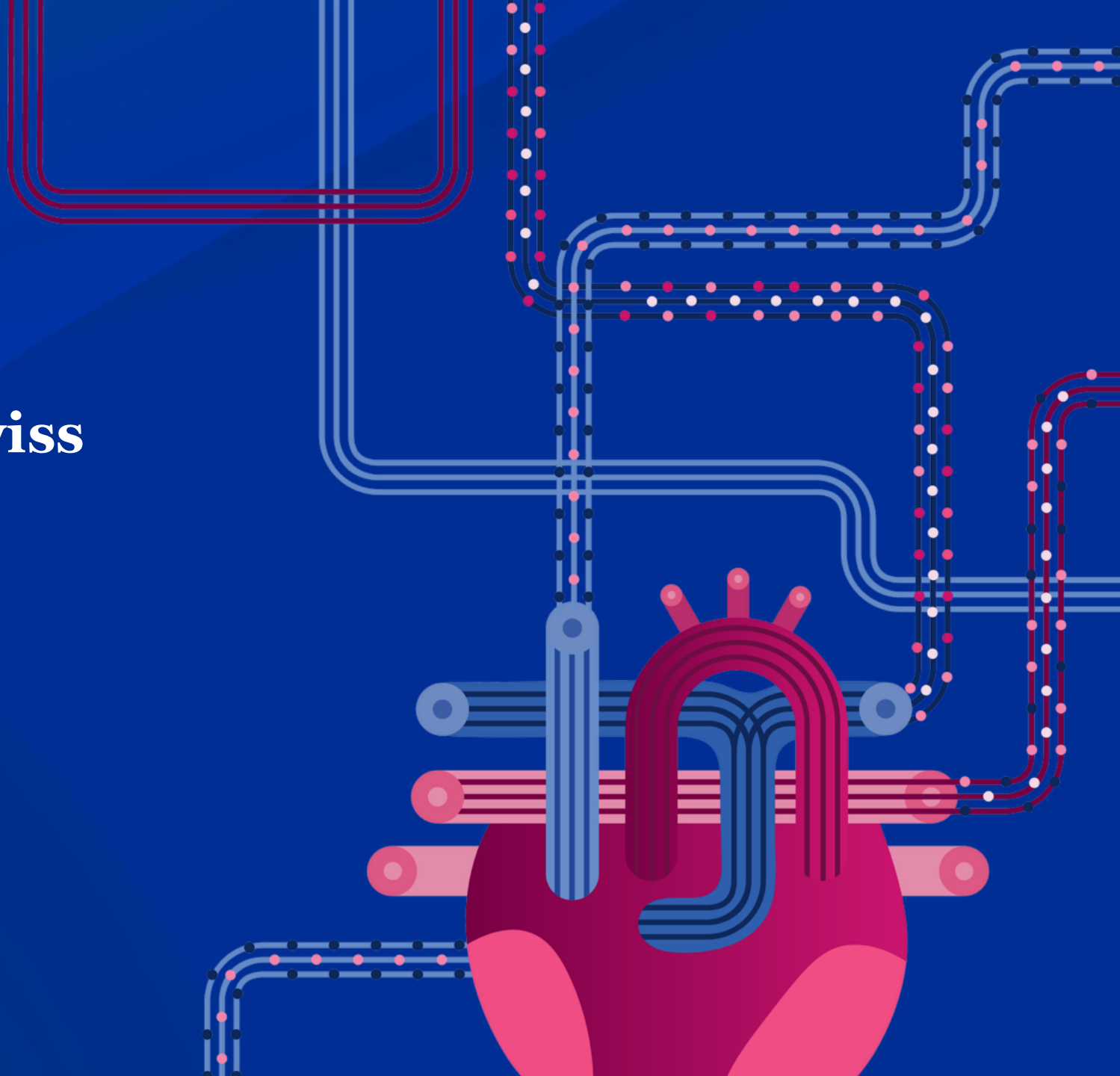


Digital Health Webinar

Is IT at the Heart of the Transformation of the Swiss Healthcare System?

Noemi Haag, Marketing & Communication Manager, ipt
Lukas Bieri, Principal Architect, ipt

November 20th, 2025





Lukas Bieri
Principal Architect, Director
lukas.bieri@ipt.ch



Noemi Haag
Marketing & Communication
noemi.haag@ipt.ch

Facts & Figures



We make technology valuable
our mission



30 Years
Experience

Ownership
by the partnership
and employees



Swiss Focus
Offices Zürich & Bern

We value collaboration!



270 +
Employees

Wir sind IT Engineering & Consulting



Unsere Dienstleistungen



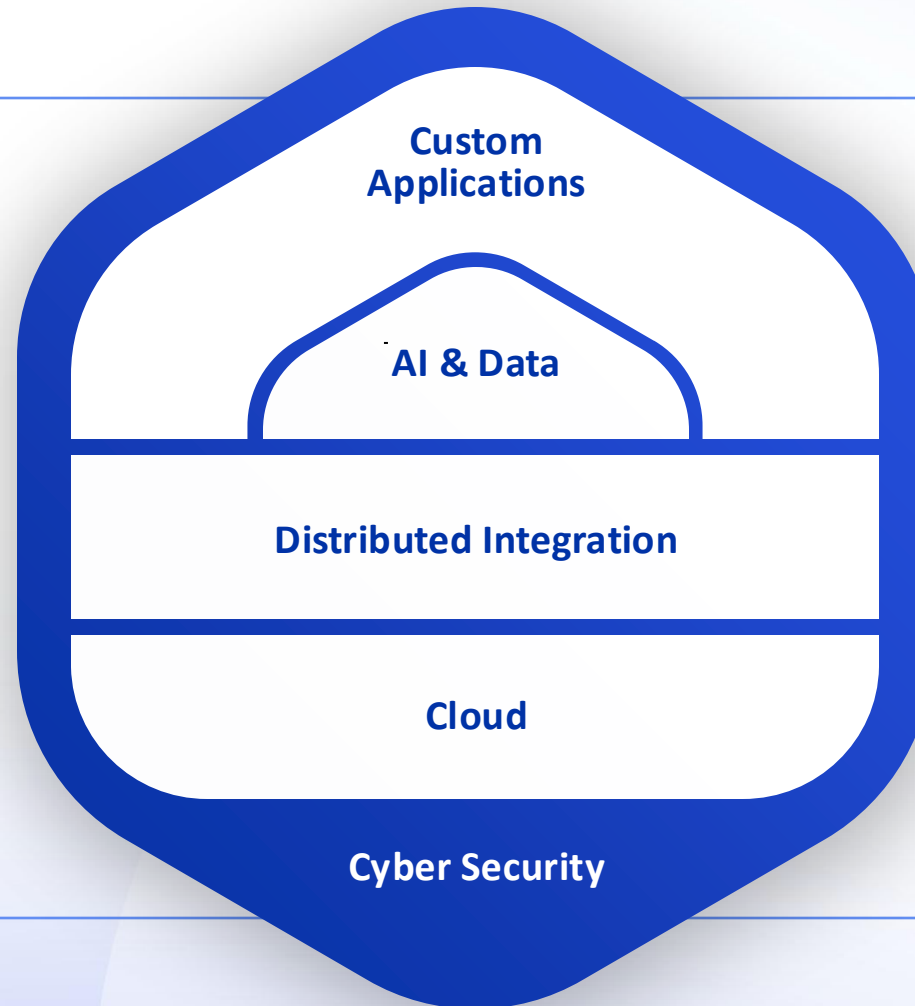
IT-Strategy &
Technology Consulting



Development & Integration



Managed Services for
Custom Applications
und Platforms



Unser Branchenfokus



Finance



Insurance



Public
Administration



Health



Fragmented Patient Journey Despite Medical Excellence

Switzerland ranks:

- Nr. 1 in Global Innovation Index Ranking¹
- Nr. 14 in the world in the Digital Health Index²

This underlines a major opportunity:

by accelerating digital transformation, the healthcare system could more than CHF 8bn in annual savings³.



1 Global Innovation Index 2024; Bertelsmann internationaler Vergleich digitaler Strategien 2018

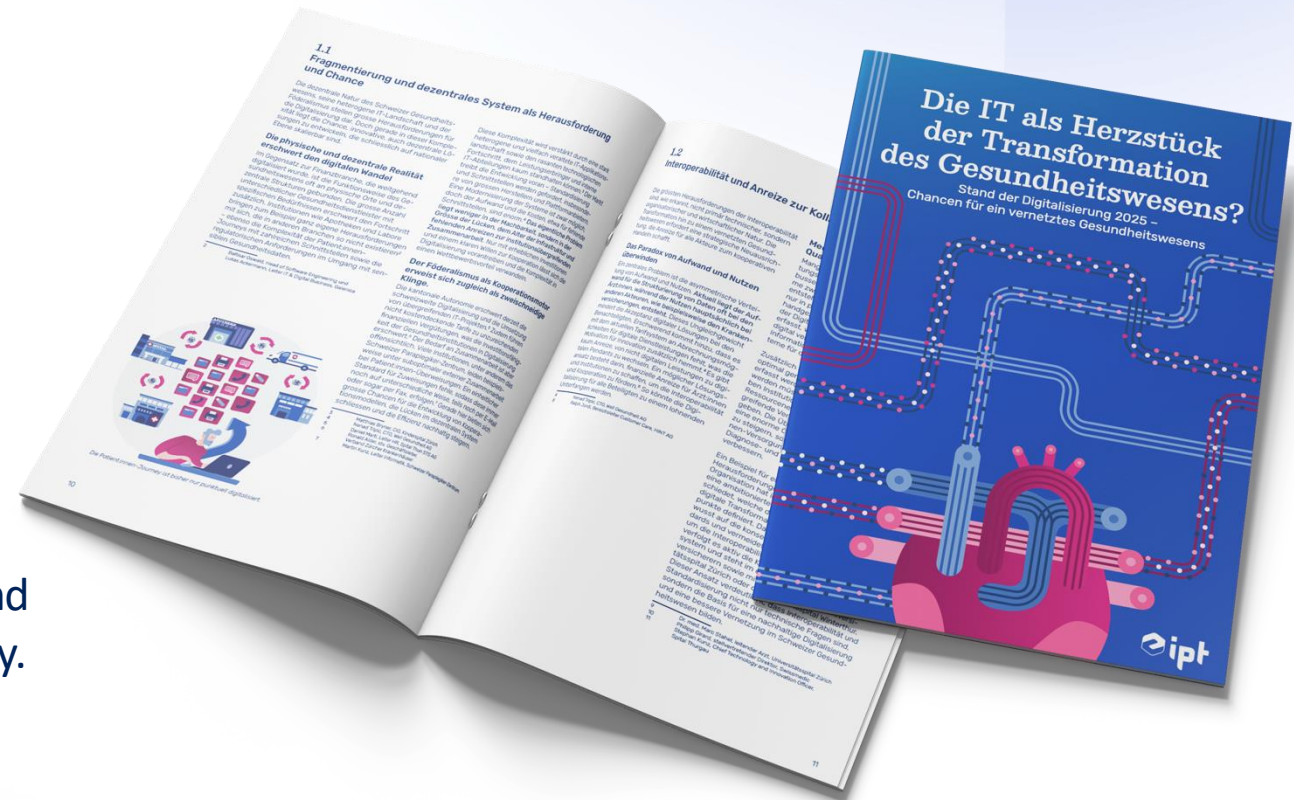
2 Bertelsmann Digital Health Index

3 McKinsey: Digitization in healthcare the CHF 8.2 billion opportunity for Switzerland

ipt IT Health Publication 2025

23 expert interviews in the healthcare industry

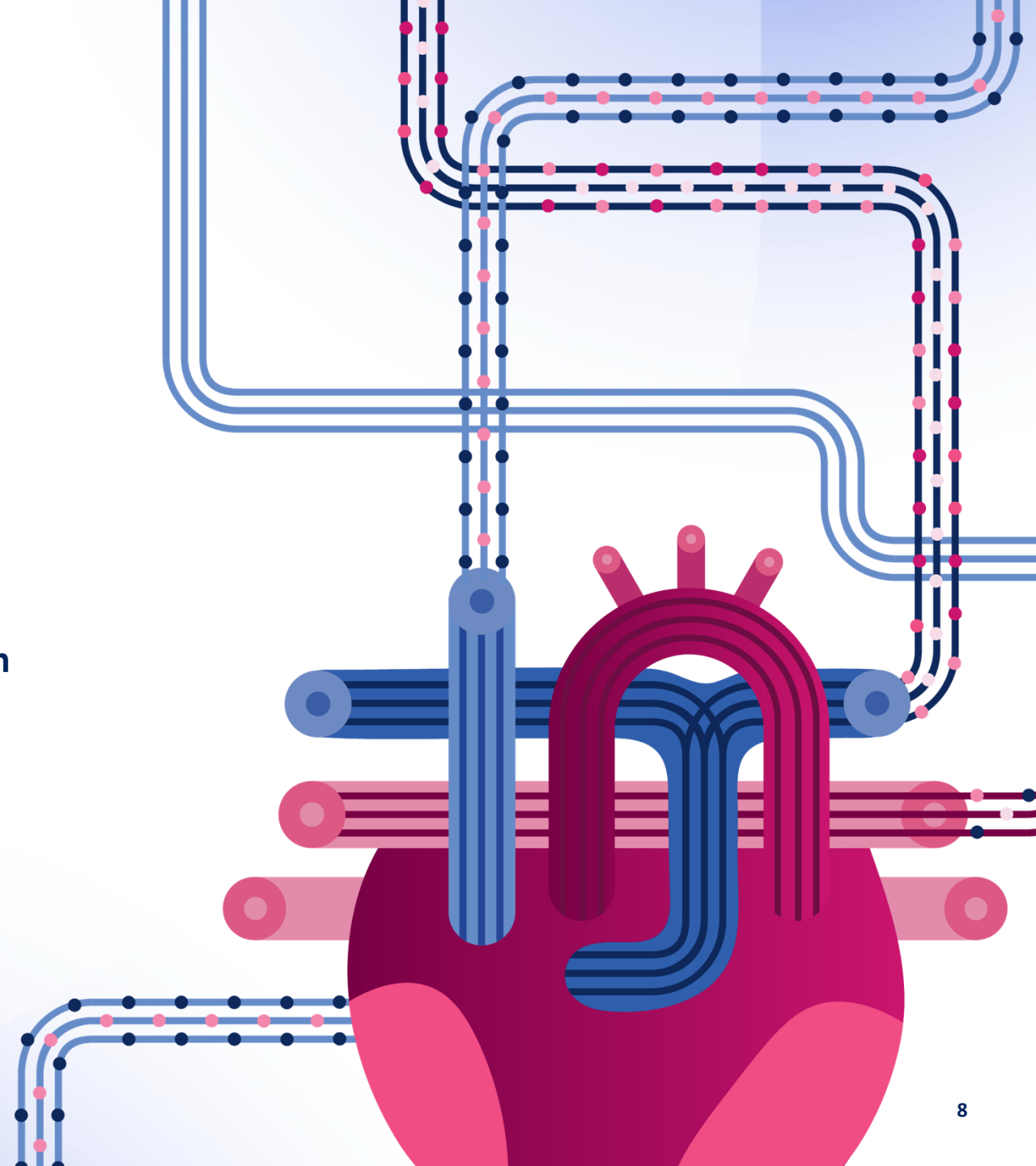
- Is IT at the core for the transformation of the system – or what does it take to digitalize?
- **The goal:** provide a clear picture of the current state and highlight concrete strategic action fields for the industry.



IT is at the Core of Healthcare Transformation

The system performance depends on a healthy circulatory system.

- Lacking «IT health», blocks the circulation = **media breaks, data silos, duplicate processes**
- Transformation requires a **robust, connected IT foundation**
- but there is more to it...



Challenges of Digitalization in Healthcare

Structural

- Federalism & decentralization
- No incentives for cross-org collaboration
- Not a management priority
- Poor collaboration medical & IT
- Individuals willingness to participate (e.g. vaccinations)

Technological

- Legacy IT infrastructure to upgrade
- Unstructured data
- Missing standards
- Lack of digital patient identity

Economic & Data Protection

- High digitalization costs
- Strict data protection & cantonal differences
- Desire for data ownership
- Data exchange means transparency

Drivers for Change

Patients

Expect digital experiences: appointments, data access, add-on services.

Internal

Skills shortage & new work expectations: digital tools, part-time work, efficiency.

Economic

Financial pressure and tariffs: demand networked care pathways and efficiency by eliminating duplicate data entry.

Technological

Many units too small for standalone transformation: joint care structures; fragmentation/interoperability remain obstacles (silos, incompatible formats, semantic barriers).

Ambulant Care

Decentralized care: more ambulant and hospital-at-home.

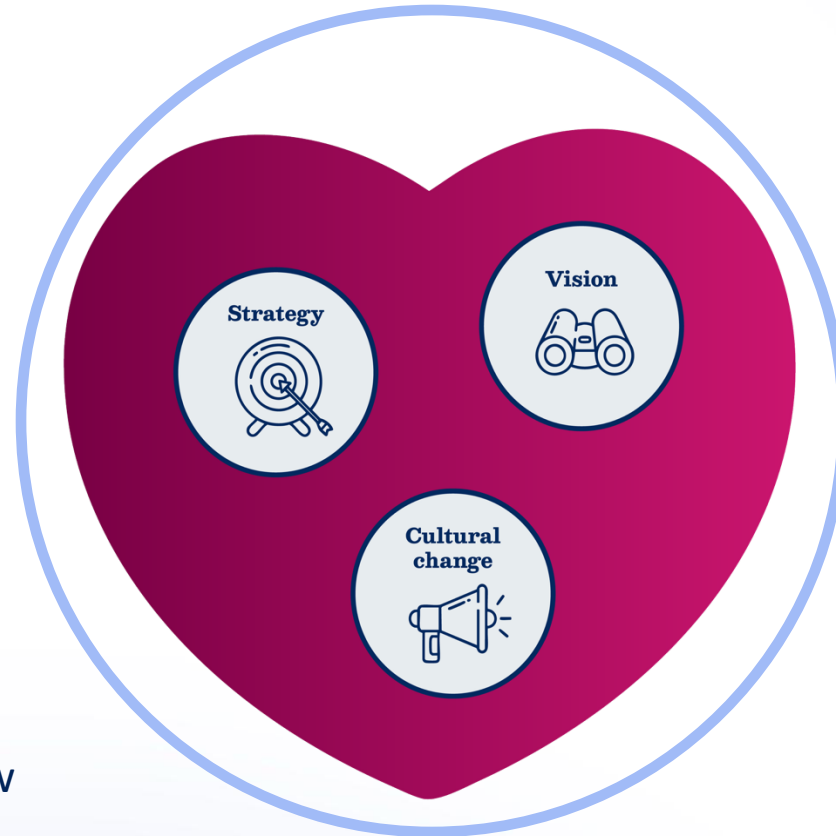
Seizing the Opportunities

Strategy:

IT must be positioned as a **strategic partner** to actively drive digitalization, rather than just reactively managing it.

Culture:

The change demands a **mindset shift** that overcomes traditional silo thinking and establishes a new culture of co-creation between IT and business departments.



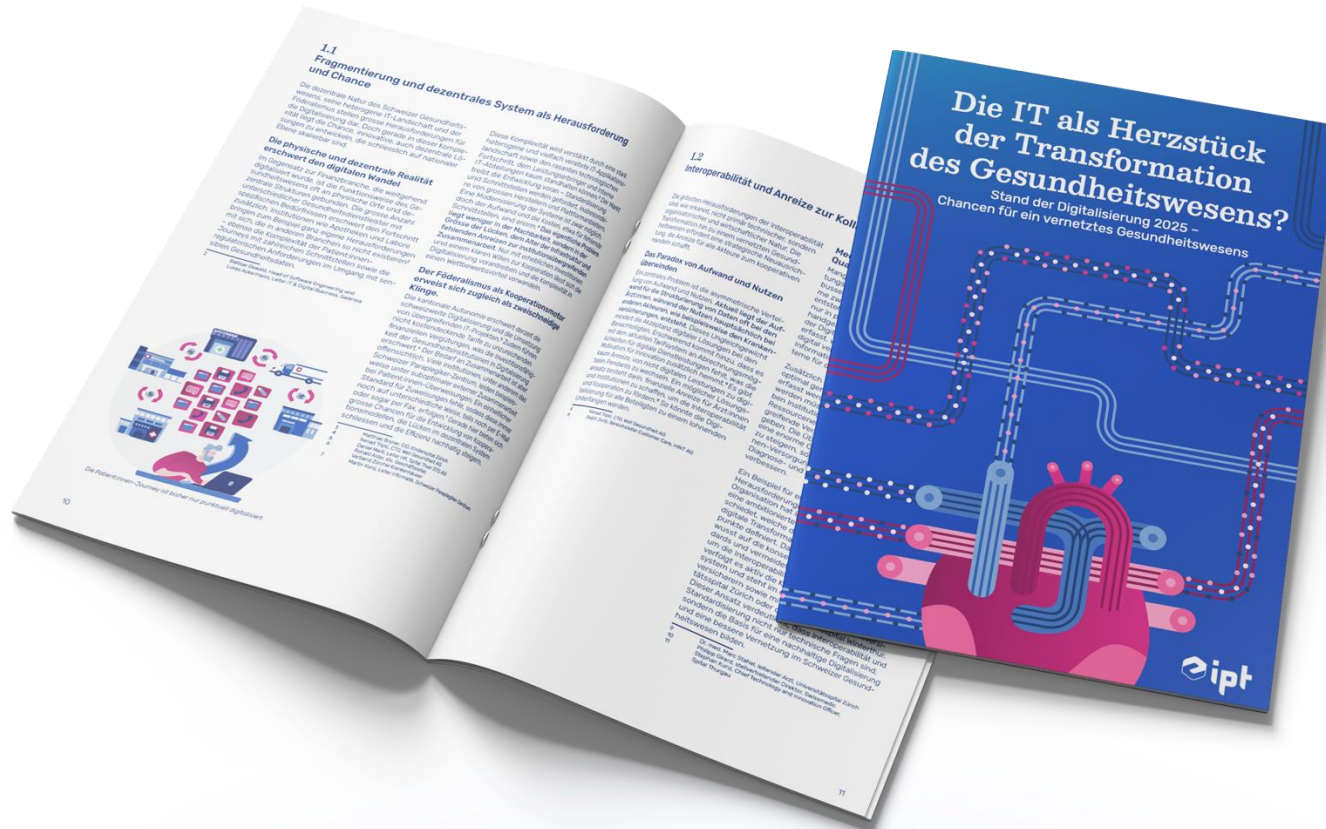
Vision:

A successful transformation requires a **clear, management-driven vision** with a focus on the benefits for patients and employees.

Processes:

It's not about digitally copying existing analog workflows 1:1, but about **rethinking processes from the ground up and optimizing them with modern technologies.**

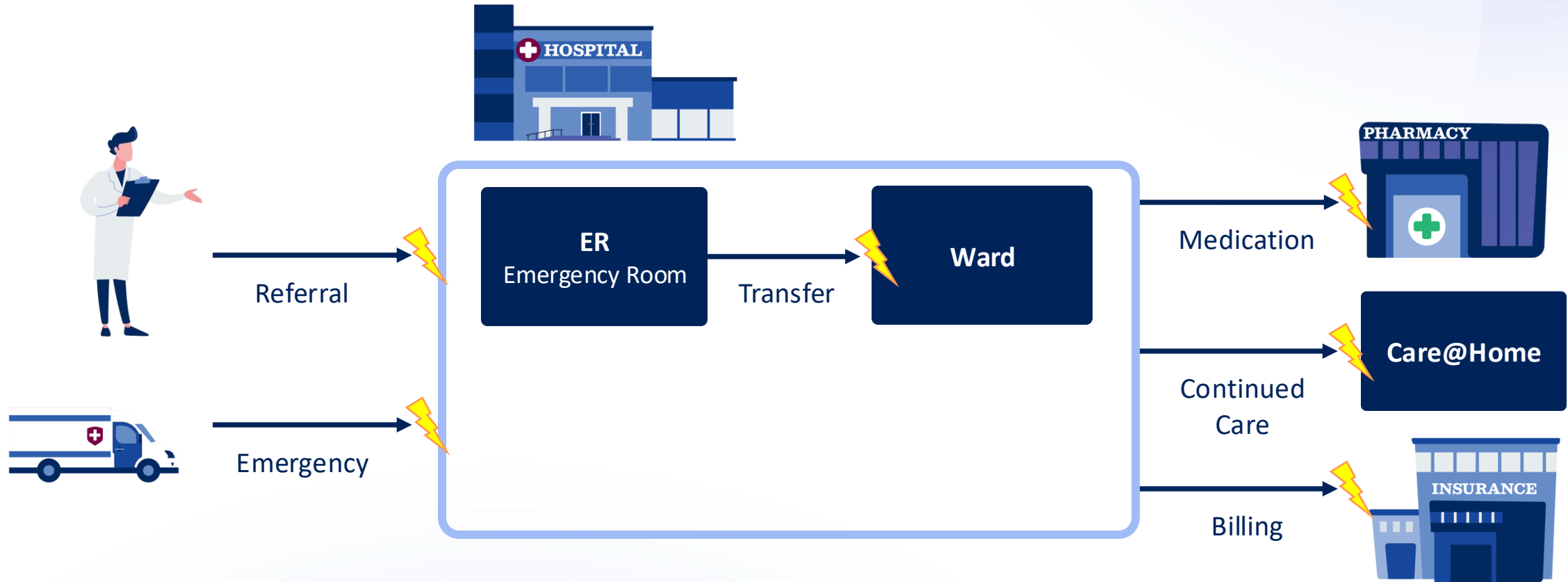
More to See: ipt IT Health Publication 2025



Download here

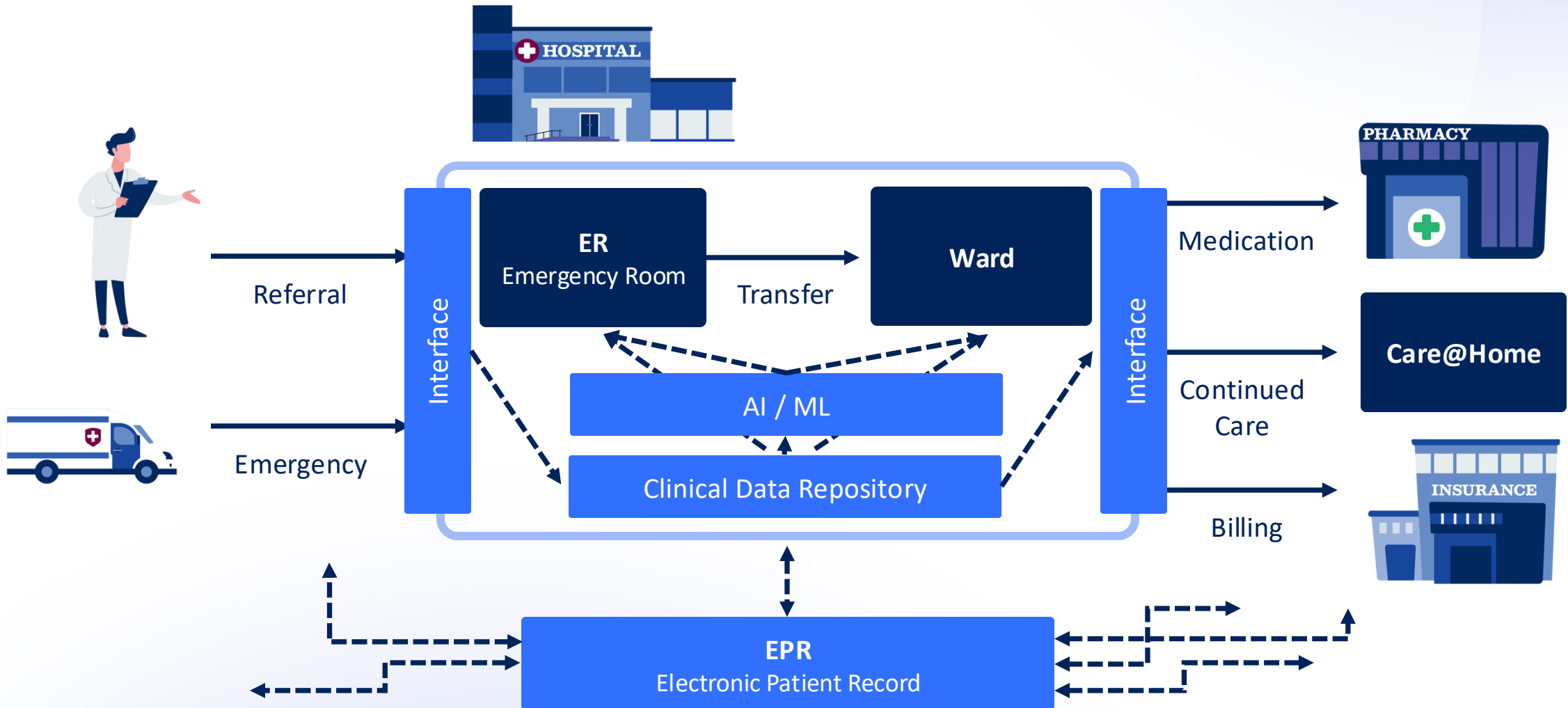


A Patient's Journey

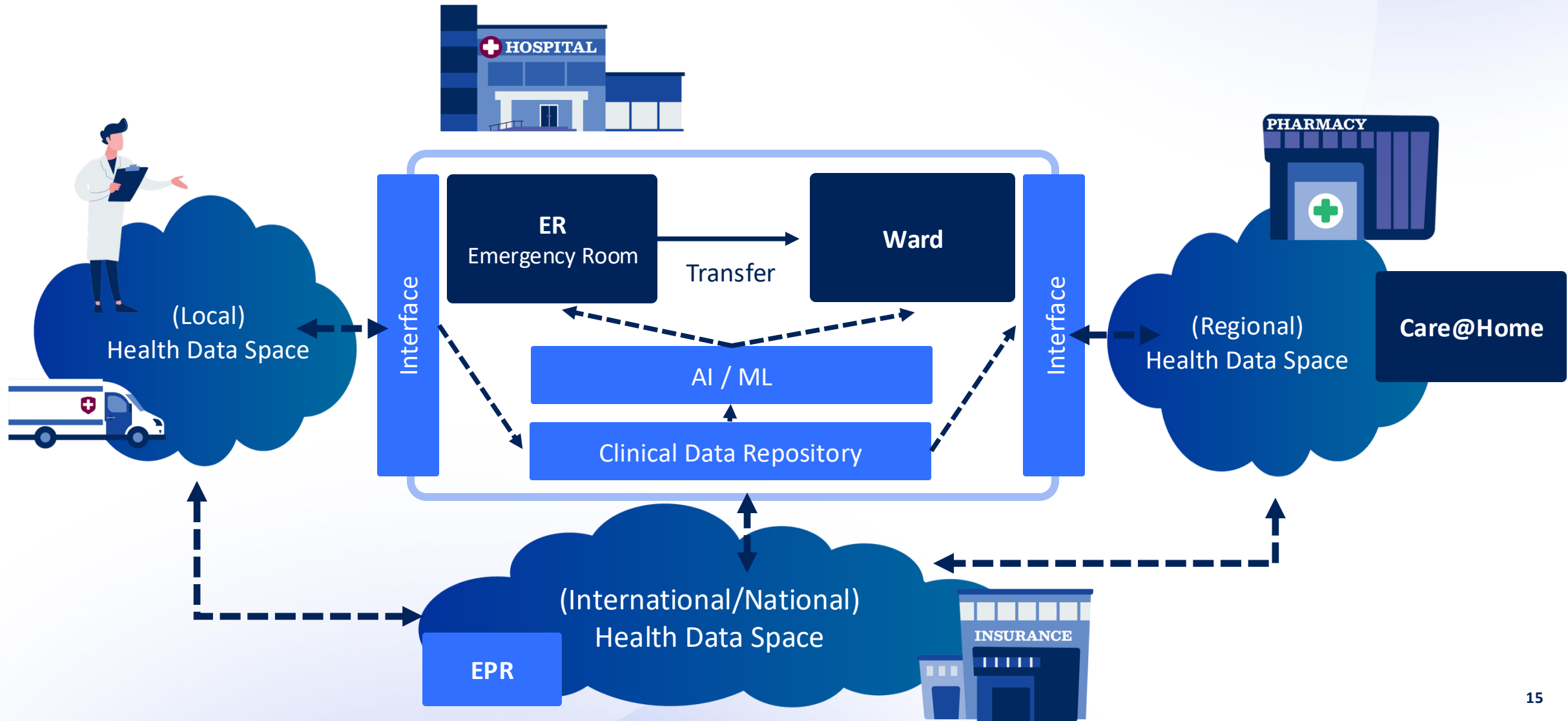


 Interruption of data flow

A Patient's Journey



A Patient's Journey



The Need for Health Data Spaces

Definition:

A **health data space (HDS)** is a trusted, interoperable and federated environment for secure sharing and use of health data across institutions and borders.

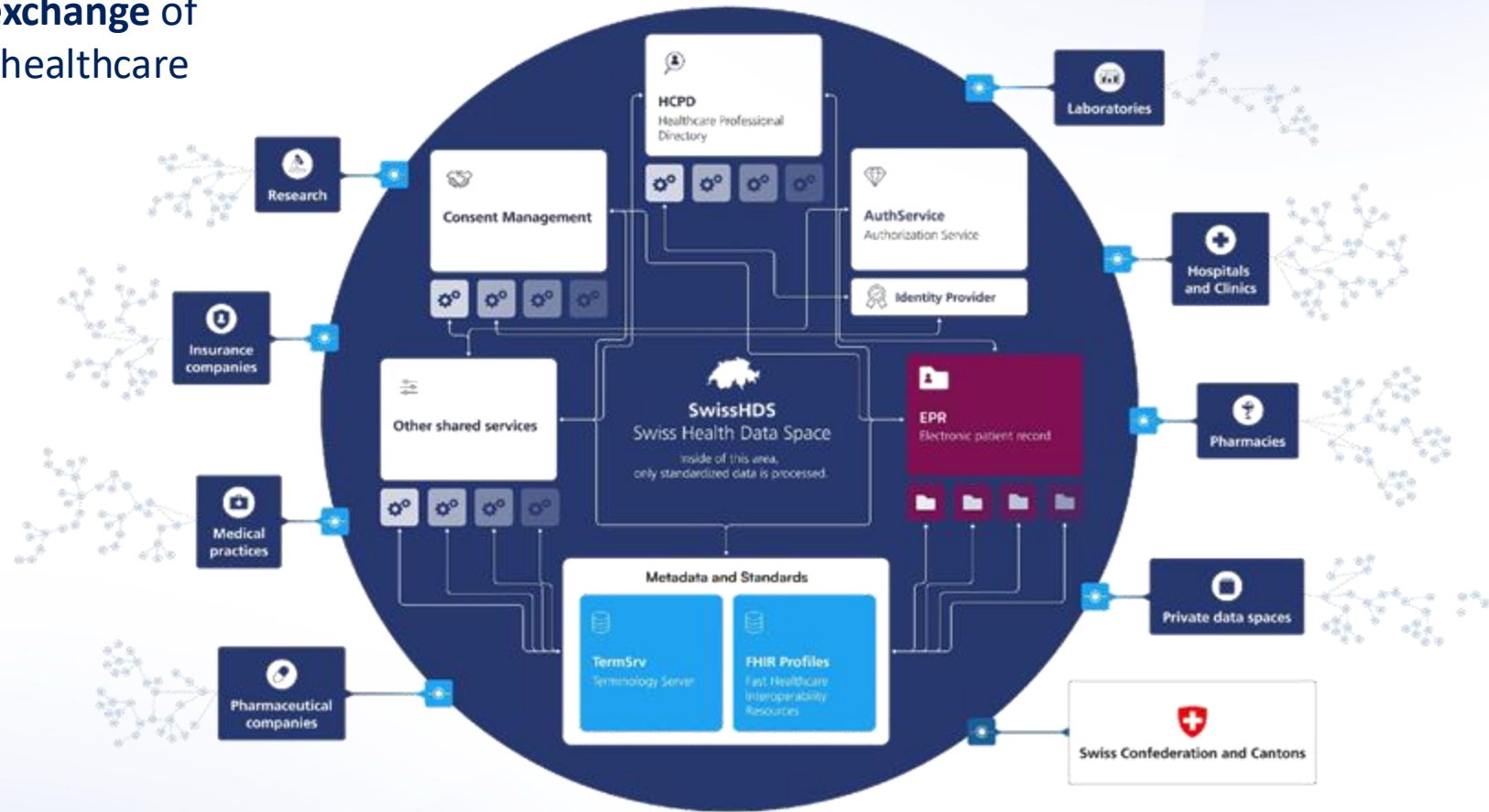
A data space:

- Provides mutually agreed rules and standards for the use and exchange of data
- Emphasizes sovereignty, trust, interoperability and governance
- Is not just a technical concept, but also a legal, organizational, and semantic framework



DigiSanté and the Vision of a Swiss Health Data Space

- Allows for a **secure and standardized exchange** of data between existing domains within healthcare
- Contains the **Electronic Patient Record** as integral component
- Defines **mandatory standards** and implementation guidelines
- Provides technical **«bases services»** (e.g. authentication or directories) and other services (e.g. medication)



See: <https://www.digisante.admin.ch/de/gesundheitsdatenraum>

Why Health Data Spaces Matter



Are we ready?

Trust?
Federalism?
Investment?
Enough Pain?
Transparency?



Time to Act – NOW

Trust!
Federalism!
Investment!
Enough Pain!
Transparency!



- 1. Exemplify leadership**
Think different & pave the path in- and outside your organizations.
- 2. Put the data at the center**
Implement the vision of a shared health data space step-by-step.
- 3. Learn from best practices**
Don't reinvent the wheel – rely on proven frameworks and reference architectures.

Please Reach Out!



Lukas Bieri
lukas.bieri@ipt.ch



Noemi Haag
noemi.haag@ipt.ch

