1. Creating a new health future

Patients

Genomics

Lab / Biomarkers

Clinical trials

Pharmacy

Social media

Devices

Claims

Chart Review

Registries

PREM

Imaging

PRO

Mortality

Physicians

PRO

EMR

Prescriptions

Checklist

Reference data

Research experience
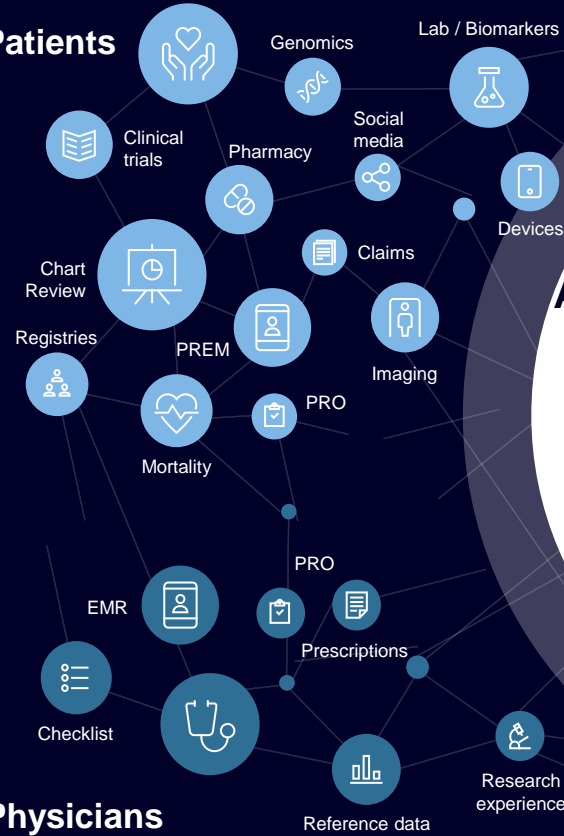
Healthcare System

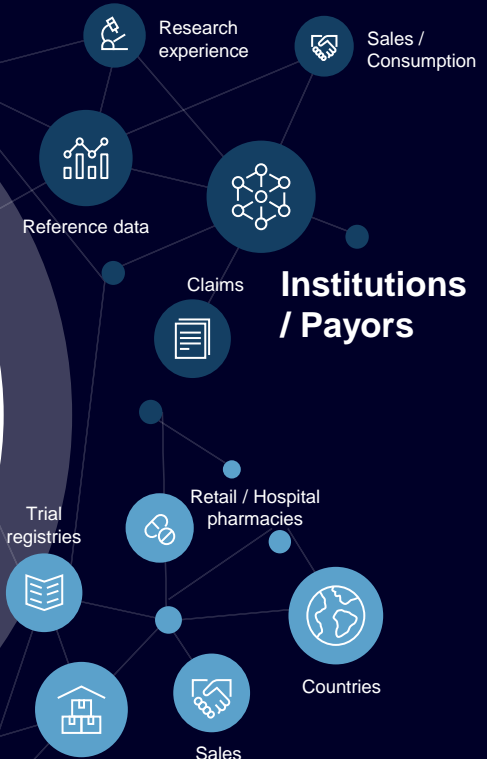**A fragmented health ecosystem calls for innovative solutions**

+6%

Health spending / person annual growth[1]
(in 2020 worldwide)

4 in 10

health systems can successfully share data with other health systems[2]

25%

of recommended follow-ups not effectively done[3]

1- WHO 2022   2- Fierce 2019   3- Health Policy. 2018

Research experience

Sales / Consumption

Reference data

Claims

Institutions / Payors

Trial registries

Retail / Hospital pharmacies

Countries

Wholesalers

Sales

Pharmacy / Distribution

AXA collaborates with Microsoft to create Healthanea.

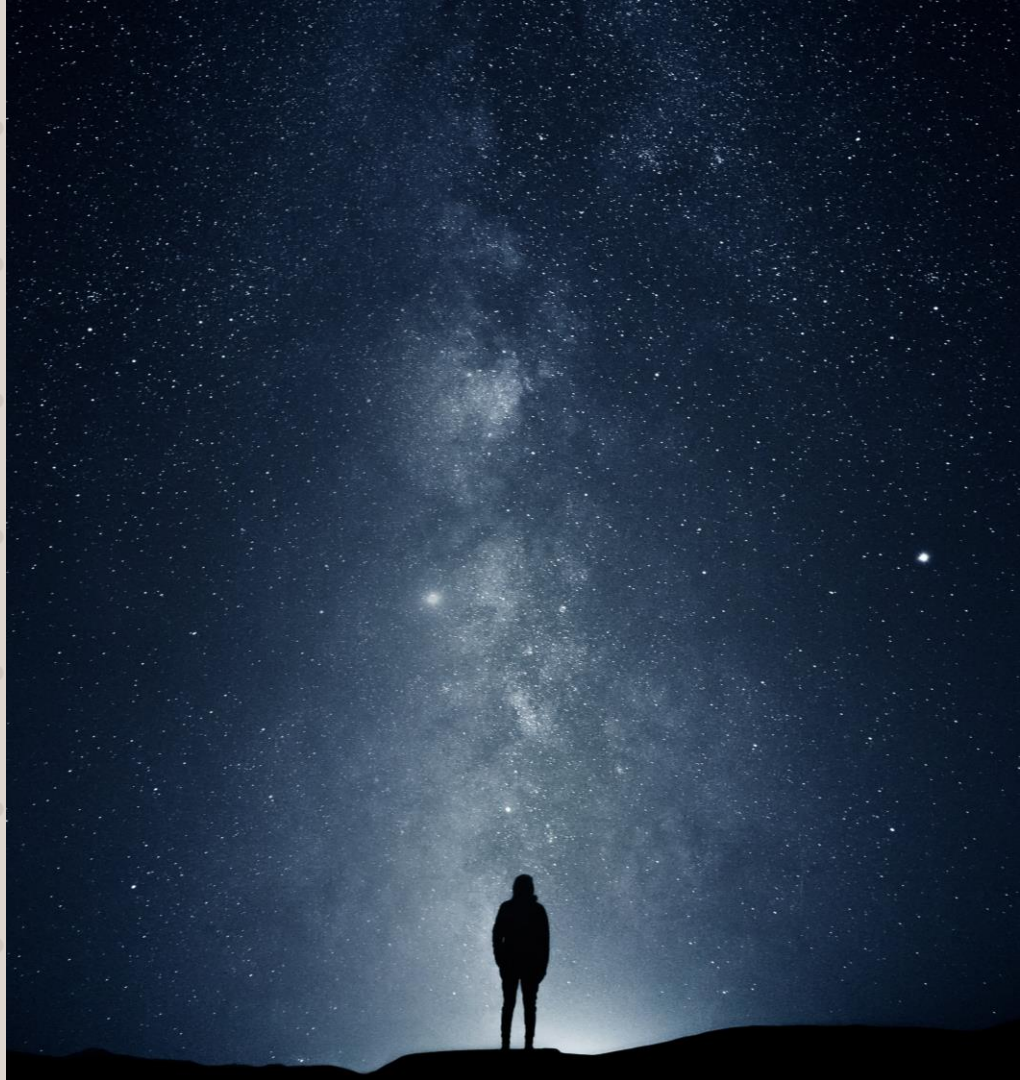**Because an efficient and sustainable ecosystem can only be achieved through collaboration.**

Click here to hear from
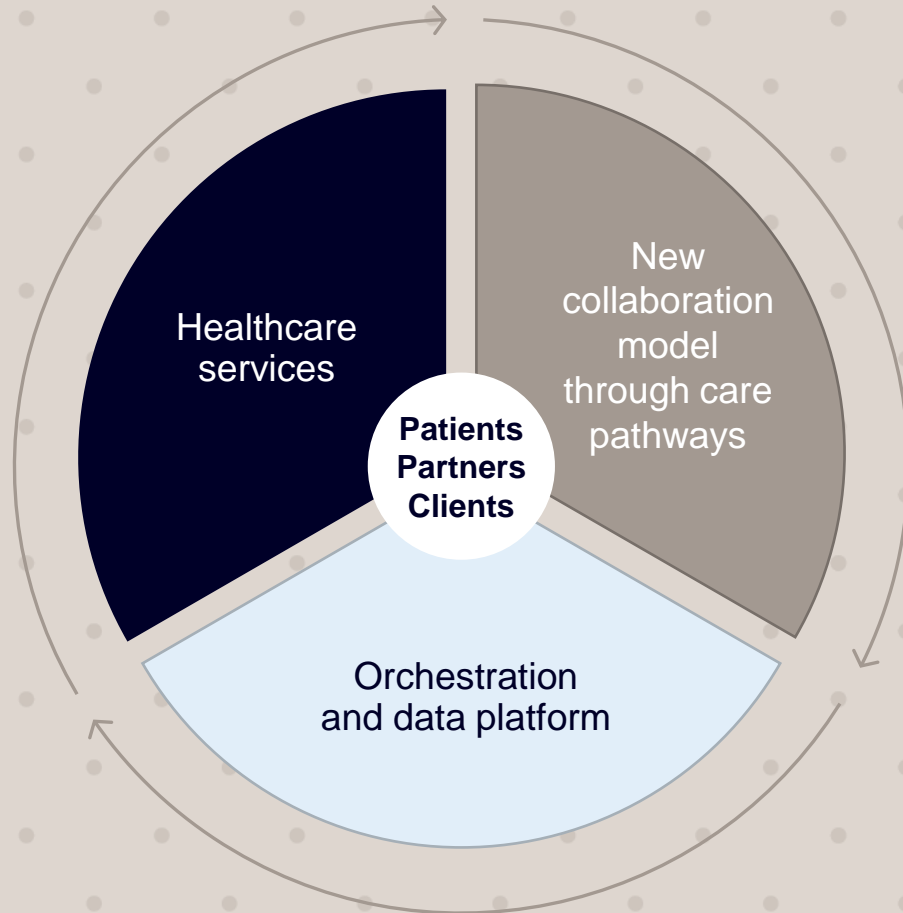Thomas Buberl (AXA CEO)
and Satya Nadella (Microsoft CEO)

Our ambition:

To enable better patient access to healthcare by connecting people, technologies and services.

Healthanea is live and fully compliant in 7 European countries thanks to the drive of +100 experts in 3 major hubs: Paris, Barcelona and Lausanne.
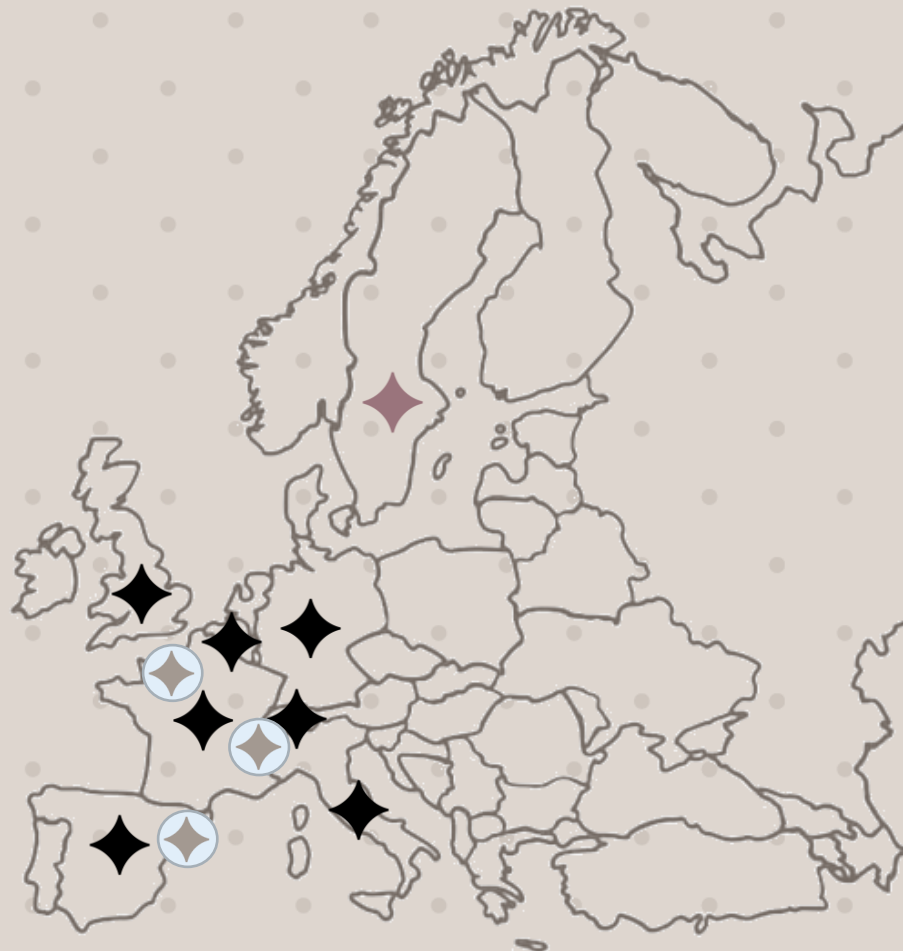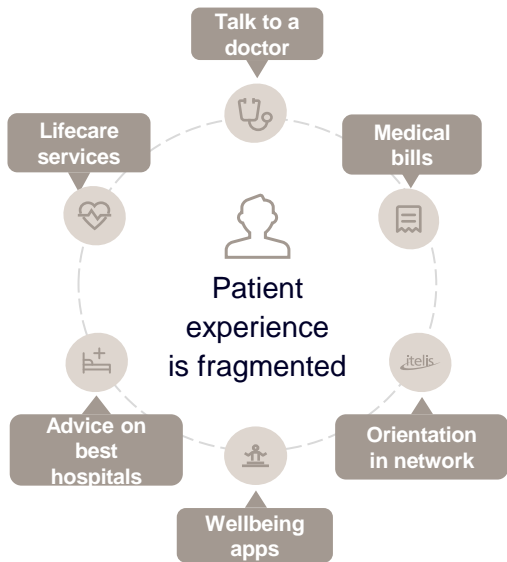
Healthanea offices

Live use cases available

Use case under development

2. Orchestrating healthcare pathways

Connecting healthcare services for an integrated experience

Patient experience is fragmented

- Talk to a doctor
- Medical bills
- Orientation in network
- Wellbeing apps
- Advice on best hospitals
- Lifecare services

SEAMLESS EXPERIENCE

Standard-based platform, pre-integrating market services… services integration & pathway configuration

- Referral
- Discharge
- PROM/PREM
- EMR connection
- Symptom checker
- Telemedicine
- Drug delivery
- Prevention/Wellbeing
- Detection campaigns
- Others…

…powered by data & AI capabilities
Using data standards (e.g. FHIR) and decision engines to develop more efficient and personalized pathways

SMART ORCHESTRATION

Seamless experience
Ensuring a compliant propagation of the end user context for a smooth navigation between services

Smart orchestration
Creating new data by combining multiple sources and develop algorithms to improve & personalize the patient journey

From → To

ISOLATED SERVICES
LACK OF DATA FEEDBACK LOOPS

HEALTHCARE DIGITAL ECOSYSTEM
LONGITUDINAL INSIGHTS

The 5 pillars enabling more efficient and collaborative healthcare pathways

Service orchestration
Including next best actions, feedback loops and service catalogues.

Unified identity
Managing unitified identity across Healthanea ecosystem players to guarantee integrated experience.

Consent management
Enabling data gathering and processing in a compliant way, following GDPR regulation.

Integration framework
Including pre-integrated services to guarantee optimized time to market & scalability of new offerings/solutions

Data products
To provide valuable insights based on data collected during patient journeys across multiple data sources.

Our 3 signature use cases

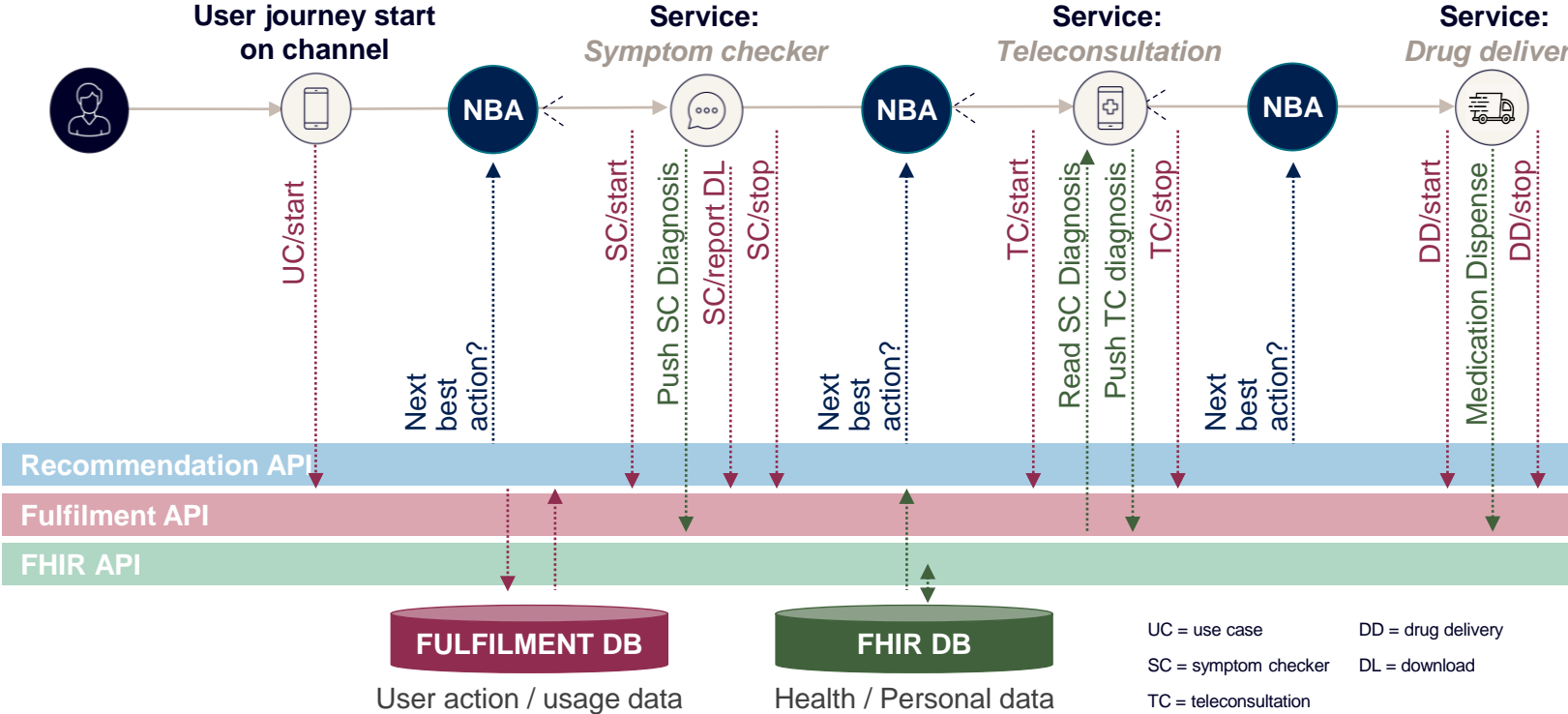|	1. **PRIMARY CARE COORDINATION**	2. **EARLY DETECTION**	3. **POST-DIAGNOSIS CARE COORDINATION**
Descriptions	Guide patients with early symptoms towards proper care options. By providing the right information, we guide patients towards the most relevant primary care provider (incl. physical options).	Support the patient through an improved access to early detection of a medical condition. By orchestration the healthcare pathway from risk assessment through to diagnosis, we minimize time to diagnosis.	We orchestrate the journey from diagnosis to home monitoring by supporting medical protocols, coordinating healthcare players and providing better access to care services.
Concrete examples	Connecting a frictionless ecosystem of health services for insurance policyholders (AXA entities across Europe)	Cancer early detection program in a pharmaceutical organization in the Nordics	Cardiovascular care coordination supported by digital capabilities
	Live	Live very soon	In development

3. Healthanea platform

Healthanea architecture layers

ECOSYSTEM

Digital Engagement (Web Portal, Mobile Apps, Chatbots, Services) | Physical World Engagement

External IT Systems (Backends of Producers, Producer Channels, Services & Other Healthcare Actors)

HEALTHANEA PLATEFORM

Interoperability & Integration
- Health Personal Information Exchange
- Non-Health Personal Information Exchange

Orchestration
- Services & End-user Activity Tracking
- Engagement Recommendations
- Workflow Management

Healthcare Services
- Pre-integrated Healthcare Services
- Healthcare Services Widgets

Analytics & Insights
- Population Statistics & Reporting
- End-users Segmentation & Scoring
- Advanced Analytics & Data Science Workbench

Common Data Models
Data Quality Management
Medical Terminologies Management

Role-based Access Control
Certified Information Security Management

Data Subject Rights Management
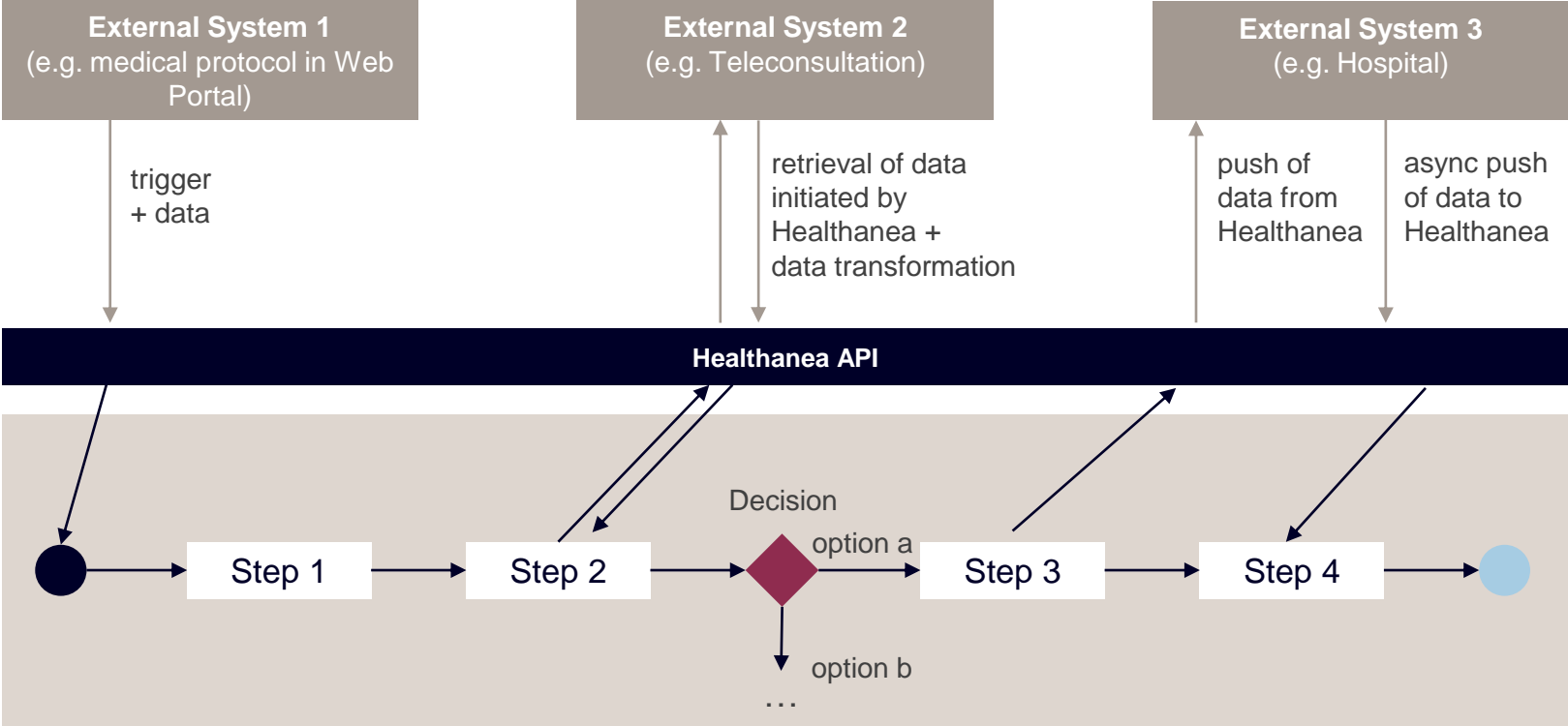Consent & Regulation Management

| DATA | SECURITY | PRIVACY |

Typical data exchanges during a customer journey through a Channel

Orchestration is done by the channel with support of Healthanea

User journey start on channel

Service: *Symptom checker*

Service: *Teleconsultation*

Service: *Drug delivery*

UC/start

SC/start · Push SC Diagnosis · SC/report DL · SC/stop

TC/start · Read SC Diagnosis · Push TC diagnosis · TC/stop

DD/start · Medication Dispense · DD/stop

Next best action?

Next best action?

Next best action?

Recommendation API

Fulfilment API

FHIR API

FULFILMENT DB

FHIR DB

User action / usage data

Health / Personal data

UC = use case
SC = symptom checker
TC = teleconsultation

DD = drug delivery
DL = download

Technical orchestration driven by Healthanea
Illustration

Managing health standards

Data privacy

Fully compliant with GDPR regulations + approved live use cases in 7 European countries.

Data standards

Fully compliant with FHIR, interational standard for medical data interoperability

(Index - FHIR v4.3.0 (hl7.org))

Data terminology

Supporting SNOMED CT as medical terminology standard (SNOMED - Home | SNOMED International). Additional standards in progress for 2023.

Data security

ISO 27001 certification

(in progress for 2023)

HEALTHANEA

Thank you

www.healthanea.com