

What is HEALTH-X dataLOFT?



HEALTH-X dataLOFT - transparent and secure exchange of health data

Goal: A legitimised, open and federated platform that brings together data from the primary and secondary healthcare market. This data can be used by individuals or authorised stakeholders in the healthcare system.

Innovation: The approach puts citizens at the center. The platform gives them access to their own health data and allows them to share it with researchers, doctors, specialists, hospitals or companies in a sovereign and GDPR-compliant manner.

HEALTH-X dataLOFT is developing **four use cases** based on the platform:

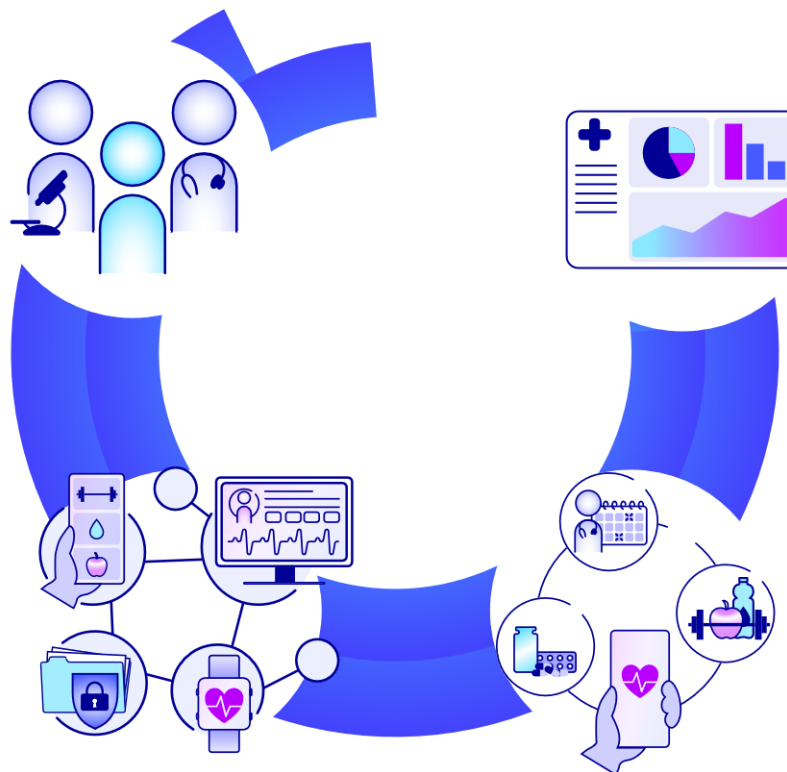
- a) Self-determined everyday health - linking medical data and data obtained through self-tracking devices
- b) "Clinical companion" - improved care for cancer patients
- c) "Personalised healthcare services" - networking of different data areas for various AI-based services
- d) Secondary use of health data for science and research



Use Case: self-determined everyday Health

Aimed at citizens and stakeholders from the healthcare sector such as researchers, doctors or healthcare professionals.

The platform combines data, obtained via self-tracking devices such as Smart Watches, with medical data.



It shows promising new possibilities for using health data for prevention, health maintenance or diagnostics and therapy.

The wealth of data is used to create innovative healthcare services that support citizens in their own healthcare and health maintenance in everyday life.



Further use cases

Clinical companion - supports the treatment of cancer patients by combining data from different areas.

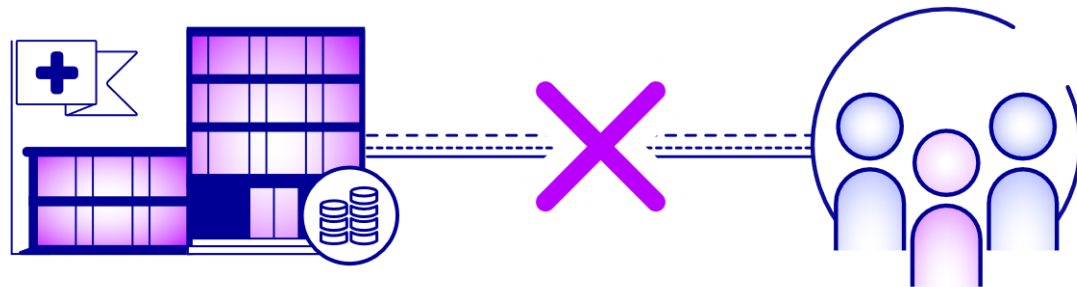
Personalised health services - enables the use of AI-based applications, e.g. for the early detection of health problems.

Gaia-X makes HEALTH-X dataLOFT possible



Situation without Gaia-X

- Many self-contained "data silos", in individual clinics, medical practices, health insurance companies, research institutions or at manufacturers of self-tracking devices
- As personal, highly sensitive health data is subject to very strict regulations, the data is often inaccessible or difficult to access and the exchange is cumbersome.



Solution with Gaia-X

- HEALTH-X dataLOFT is developing a platform based on the Gaia-X standard, in which data from the primary and secondary healthcare market is networked and made usable.
- There, citizens are given access to and control over their personal health data, which they can share with other stakeholders in a self-determined manner.
- New, innovative healthcare services are created via the platform.



HEALTH-X dataLOFT - enables citizens to access their health data and exchange it confidently and in compliance with data protection regulations