

Healthcare solutions with IoT & Edge

Industrial perspective

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Health Data Spaces and Gaia-X May 2021

innovation #you



Profound trends shaping the future of healthcare, accelerated by COVID-19

Healthcare spend
10% of EU GDP*
continuing to
exceed GDP growth

Aging populations, the rise of chronic illnesses and pandemics

Highly fragmented Healthcare systems

Slow transition from fee-for-service to value-based care

Proliferation of Data Silos







Virtualized care



Interoperability



Innovation



Business Models





Cloud Internet of Things Artificial Intelligence Sensorization

Conversational interfaces 5G Robotics Autonomous systems Computer Vision AR/VR Blockchain



Continuous health tracking



Population health



Context-aware patient monitoring



Real-time care

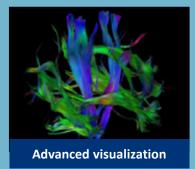






Image-guided therapy



Computational pathology



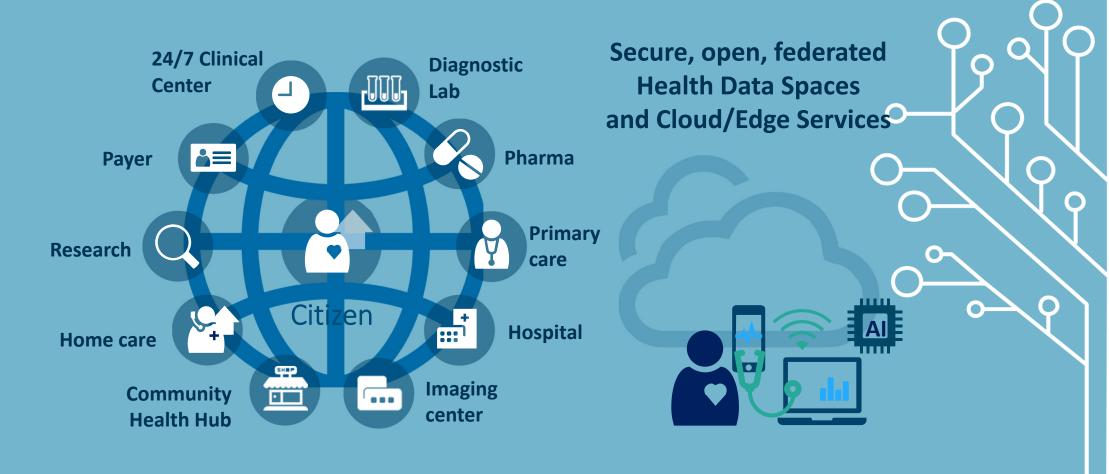
Genomics





Longitudinal, 360-degree health profile of citizens enabled by ecosystems, at national and EU level







The Gaia-X project was initiated to enable a secure, open and sovereign use of data.

In this way, self-determined decisions can be made on how and where data is stored, processed and used within the data infrastructure.



Our vision

Access and share data through a federated data infra-structure to ensure innovation for our future thanks to the next generation of Information Technology.



European cooperation

Ensure the efficiency of European data infrastructure, based on European values and supported by the European Commission.



Transparency

Secure open interfaces and standards to allow the aggregation of data while driving innovation and efficiencies within a transparent environment.



Our objectives

Foster the creation, formation, roll out and growth of digital ecosystems that can be used commercially in and across data spaces.



Maximum security

Maximise data sovereignty for business, customers and governments through services that ensure interoperability and privacy by design.



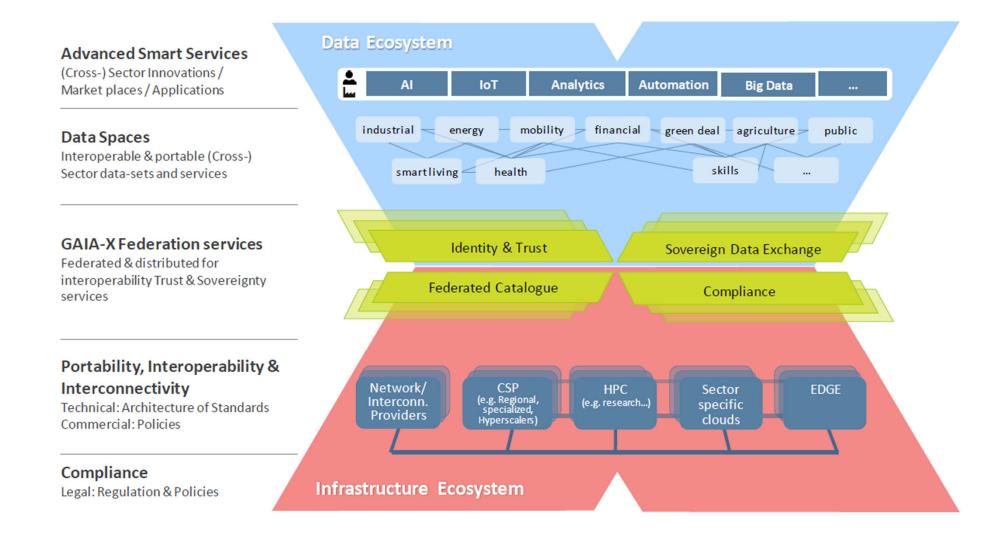
Rights protection

Guarantee citizens' privacy as a human right and respect the sovereignty of other nations.

For more information refer to: https://gaia-x.eu/

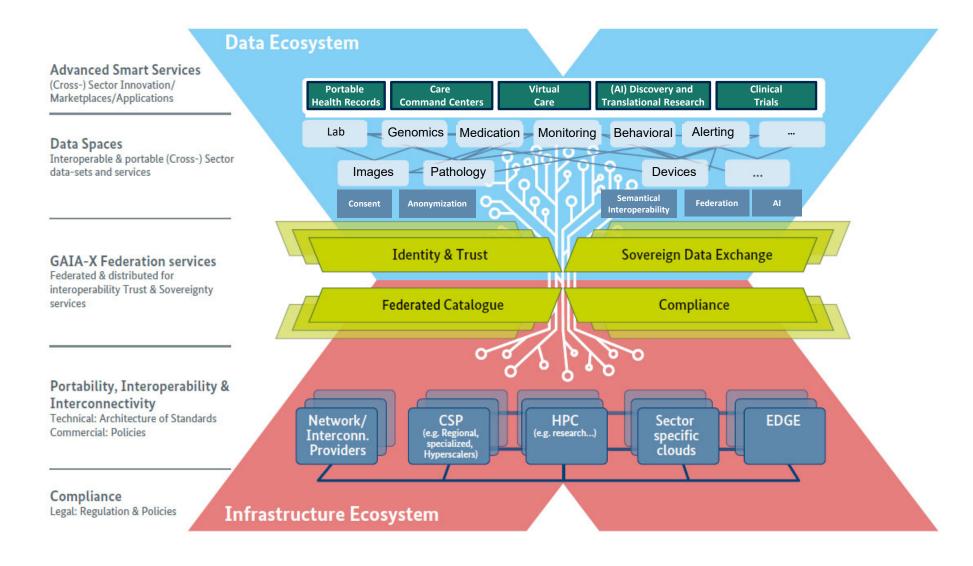


The Gaia-X ecosystem of services and data



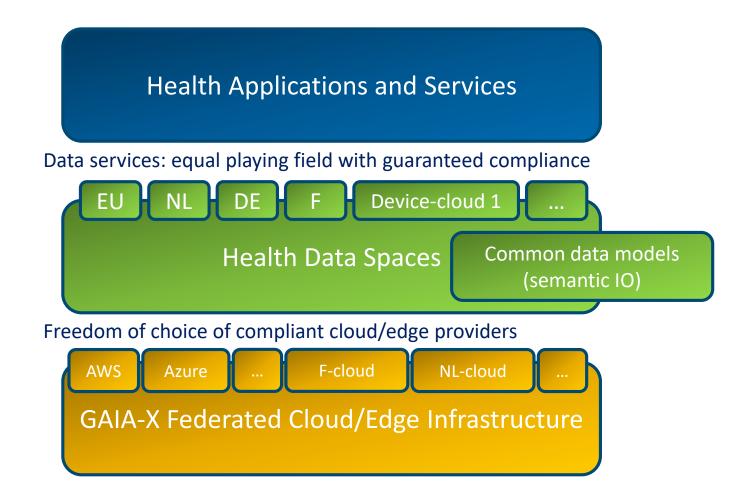


A Gaia-X ecosystem for the health & care domain





Gaia-X concepts applied to the health & care domain





Philips HealthSuite System of Engagement

Enabling trusted and configurable ecosystem solutions creation to enable interoperability and scale

