

Data-powered personalised health

We have extensive experience in digital health to drive forward innovation in person-centred healthcare.

Core facts

#1

in The Bertelsmann Foundation's Digital Health Index, we are the leading country in digital health for 2024.

99%

of health data created today is digitised and everyone has an e-health record.

20

years of experience implementing national e-health infrastructure: Estonia's health service has been digital since 2008.

20%

of Estonians have given their genome data to the Estonian Genome Centre, the population-based biobank a powerful resource for genetic research, personalised health and prevention.

Strengths



Advanced digital health infrastructure. With nearly two decades of experience implementing it.



Extensive data integration with top-level data security. Advanced interoperability fuels research, innovation, and personalised health.



Estonia has the most extensive cross-border data exchange with 11 countries plus more in the pipeline to provide care abroad.



Focus on personalised medicine. Our population-based biobank is a powerful resource for personalised health.



A collaborative ecosystem where public and private sector organisations and research institutions work closely together, leading to accelerated innovation.



High-level research capabilities supporting innovation from universities, research institutions and focused competence centres.



Global reach by actively collaborating with international partners, exporting and adapting Estonian HealthTech solutions worldwide.

Key messages with talking points

Driving digital health transformation

With nearly two decades of experience implementing the country's digital health ecosystem, Estonia is paving the way for other countries with its expertise.

In Estonia, we are already living in the digital future with digital services seamlessly integrated into everyday healthcare. Estonian companies have built similar digital ecosystems for several countries worldwide.

As the world leader in unicorns per capita, we have a great talent pool for digital innovation. Besides excellence in public health infrastructure, the Estonian HealthTech sector has developed a wide variety of digital health solutions, making healthcare more efficient, personalised and accessible.

Innovation fuelled by collaboration

In our collaborative ecosystem public and private sector organisations and research institutions work closely together to transform the future of health.

We are reinventing the future of health through strong private and public, interdisciplinary, and cross-border cooperation. We have a proven track record of transforming foundational research into practical solutions by fostering collaboration.

Several Estonian HealthTech companies have established clinical partnerships with international institutions, reflecting Estonia's impactful digital health ecosystem and global reach.

Data-driven and person-centred health

Developing better prevention and personalised health solutions by utilising decades of comprehensive health and genome data.

Estonia is known for scientific excellence, being engaged in numerous international research projects and the outcomes have been transformed into proven and practical solutions. For instance, application of biotechnology in our HealthTech sector ranges from genetic testing, and biopharmaceutical development to the use of nanotechnology, synthetic biology and bioinformatics. Estonian companies offer know-how and cutting-edge technologies across all drug development and manufacturing stages.

We are among the leading countries where data interoperability is available for secondary data exchange, leveraging it for public health research, policymaking, and healthcare management. Privacy and data ownership are deeply ingrained in the e-health system. This environment makes Estonia the perfect test bed to try out new ideas. Our experience demonstrates the potential of health data interoperability to drive innovation and transform healthcare systems globally.

Useful materials:

[Presentation](#) with detailed notes.

[Video](#)

[Photos](#)

Success stories:

[Icosagen](#)

[DermTest](#)

[Nortal](#)

