



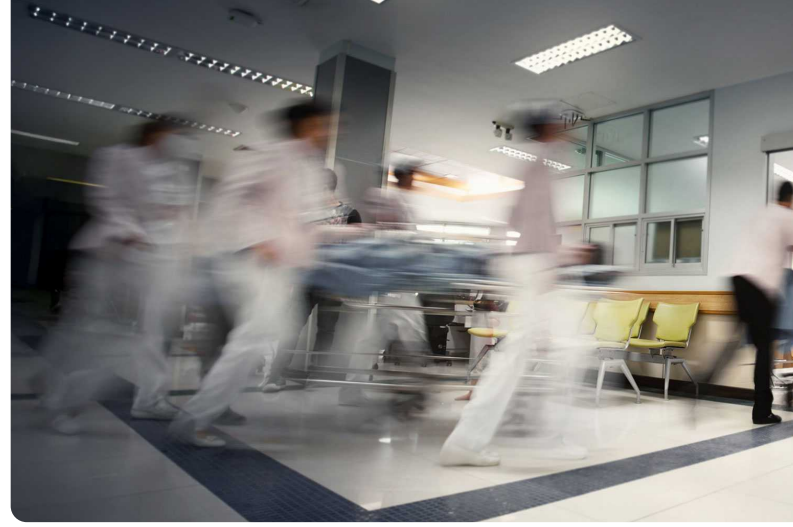
Find out about Telefónica Tech's eHealth and social ecosystem

Technology for more connected, predictive and patient-centred healthcare

Current context in the healthcare sector

Technological innovation is positioned as a key pillar for ensuring more efficient, humane and connected care.

The healthcare sector is undergoing a transformation driven by an ageing population, increased demand for care and the need for more personalised attention. Digitalisation, IoT and AI are key allies in improving efficiency, ensuring quality of care and empowering patients. Telefónica Tech combines connectivity, data and advanced analytics to make this new way of understanding healthcare a reality.





Solutions

IoT & Connectivity

IoT technologies and communications enable monitoring devices to be connected to management platforms to provide more efficient and secure care, both inside and outside the hospital.



Digitalisation of the care process:

Connected devices are used to monitor and automate tasks in order to optimise processes and improve communication between professionals and family members.



Advanced telecare:

It facilitates remote monitoring of behaviour and well-being, offering continuous, proactive and personalised care.

IA & Data

Artificial Intelligence and data analysis put knowledge at the service of healthcare professionals to speed up diagnoses, personalise therapies and promote research.



Diagnostic imaging in medicine:

AI analysis of imaging tests to detect pathologies quicker and more accurately.



Precision medicine and genomics:

Biomedical data platform that integrates and analyses clinical and genetic information to enable use cases in diagnosis and research.



Medical transcription and reports:

Automatic generation of clinical documentation that saves staff time.



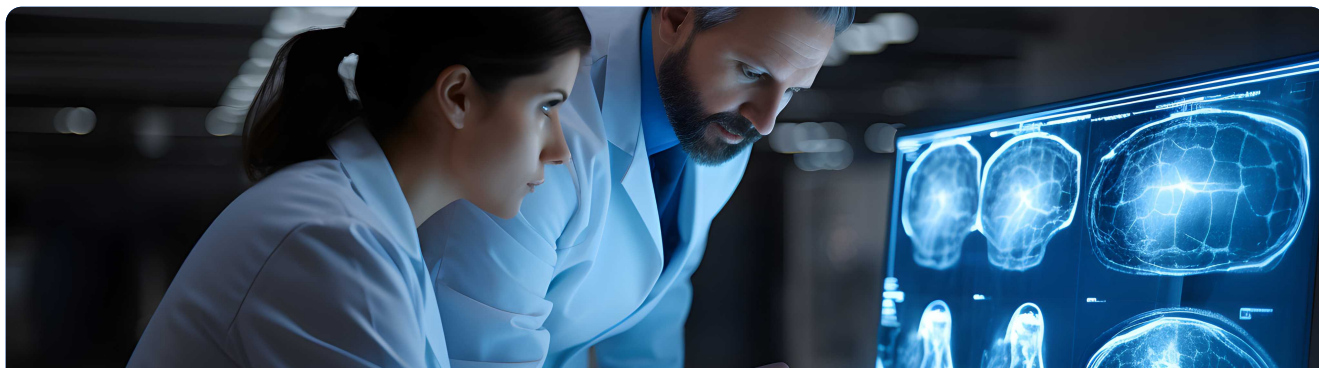
Data spaces:

Secure, interoperable, and collaborative exchange of information between organisations to advance research and quality of care.



Use Cases

The combination of IoT and AI opens the door to multiple applications that transform healthcare practice. From remote monitoring to assisted diagnosis, these solutions make it possible to anticipate risks, personalise treatments and optimise resource management in hospitals and health centres.



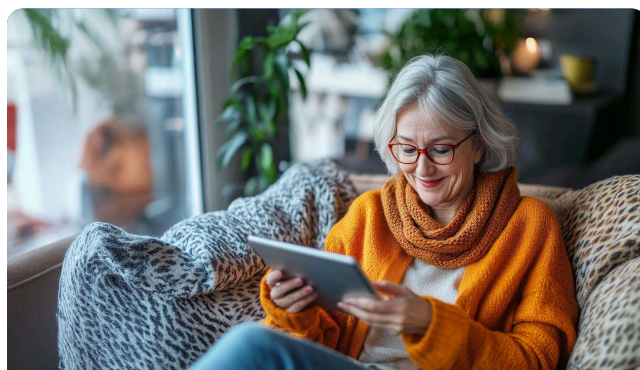
AI-assisted diagnosis

Support for detecting findings from medical imaging tests, such as X-rays and mammograms.



Smart hospital resource management

Real-time monitoring of bed, ward, operating theatre and equipment occupancy to optimise the planning and execution of tasks and procedures.



Advanced telecare for elderly or dependent persons

Continuous monitoring that allows for action in emergencies, improves the quality of life of dependent persons, and reduces hospital admissions.



Personalised medicine

Analysis of genomic and clinical data to design tailored treatments.



Collaborative data ecosystems

Data spaces that facilitate shared research, disease prevention, and the development of new therapies.

Key Benefits

The joint adoption of IoT and advanced analytics has a tangible impact on patients, professionals and healthcare systems. The results are reflected in more efficient, secure and personalised care, driving a healthcare system that is prepared for present and future challenges.



Better patient experience

More personalised, proactive care tailored to each individual's needs.



Greater clinical efficiency

Optimisation of processes, reduction in diagnosis times and freeing up of resources to allow professionals to focus on patient care.



Data-driven decisions

Real-time information to prevent risks and improve outcomes.



Interoperability and security

Reliable information exchange in compliance with the highest privacy standards.

