

PAPHOS, your solution in the Life Science and Health digital transformation

PAPHOS offering comprises the competencies, technologies and resources needed to support healthcare providers to embrace the data-driven revolution.

Health prediction and treatment processes have become increasingly complex involving huge amounts of data coming from external and very diverse sources (including environment, social media and habits data); and requesting access to more real-time data for decision-making.

On the other hand, healthcare actors have to be able to store, manage and analyse these tons of information and data based on their specific needs (that may change with time), considering the sustainability of healthcare system (with affordable solutions).

In order to address these challenges, a consortium of eight partners have worked together to offer PAPHOS platform. PAPHOS infrastructure and related services have been designed considering the rapid digitalization of data, and its use with medical, diagnostic, administrative, research and scientific aims.

The strong point of PAPHOS is that it supports the steady and continuous transition to digital ecosystems in healthcare in a sustainable way. Our modular and dynamic platform can easily integrate new functionalities, services and components with hospital IT systems, and be adapted to customer needs and possibilities.



PAPHOS, unleashing the power of data

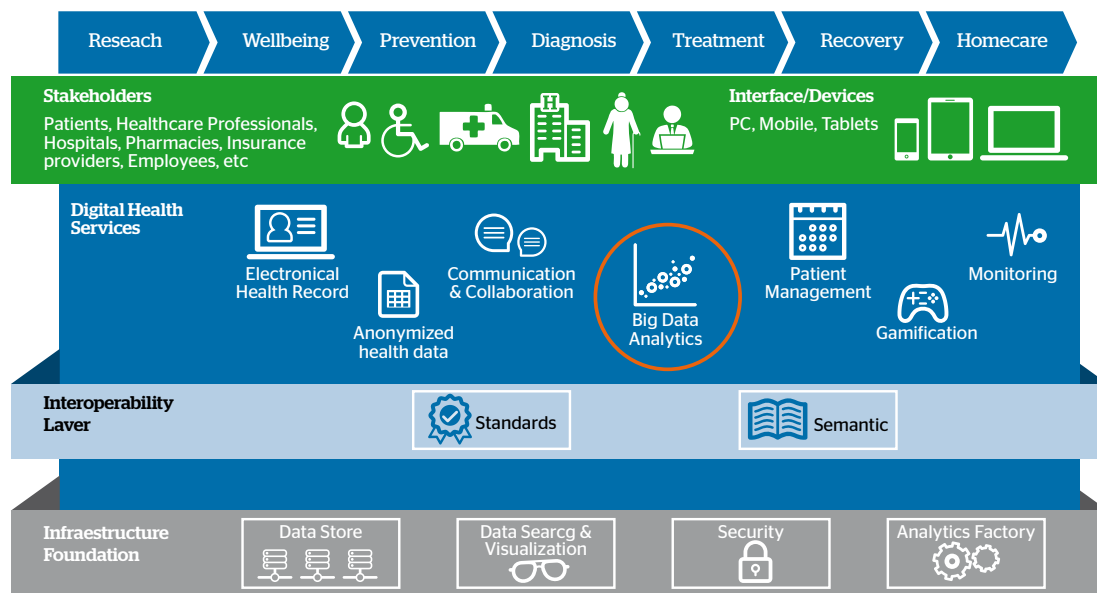
Our approach revolves around a scalable, flexible and customisable digital platform. This platform includes the requested Infrastructure, Software and Services to manage big amounts of data, and connect systems and people for new health delivery models, informed decision-making and improved collaboration.

From a functional perspective, the platform covers the end-to-end needs of the analytics loop, from data acquisition to end-user visualization, reporting and interaction. Beyond other traditional approaches, PAPHOS will be an open platform. Digital health providers are invited to implement their solutions in PAPHOS in a win-win and long-term relationship. Likewise, PAPHOS can be adapted to healthcare providers Information Systems: re-used and adaptation instead of total substitution.

PAPHOS integrates innovative technologies that are leading the digital revolution in Europe, such as Atos Codex and specific semantic interoperability services; Antari Telemedicine System; Vitalbeat system for chronic disease management; Cingulata Security Toolchain; and Semantic, Data and Image Analytics algorithms tested in real environment.

PAPHOS, providing Digital Health Leadership

PAPHOS platform is the result of a 2-year collaborative project funded by the **EIT Health**, a body of the European Union, and led by Atos Spain S.A. The partnership includes Aventyn AB, Bull SAS, CEA, GMV Innovating Solutions, Karolinska Institutet, Kungliga Tekniska Högskola, Université Grenoble Alpes and Universidad Politécnica de Madrid.



Strategic alliance



EIT Health

EIT Health is a consortium of more than 50 core partners and 90 associate partners from leading businesses, research centres and universities from across 14 EU countries. EIT Health was designated as an EIT Knowledge and Innovation Community (KIC) by the EIT Governing Board on 09 December 2014.



The goal of EIT Health is to contribute to increasing the competitiveness of European industry, improve the quality of life of Europe's citizens and the sustainability of healthcare systems. Adopting an investor approach, EIT Health will drive the integration of business; research and higher education, boost innovation, and be a catalyst for new solutions for Europe.

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