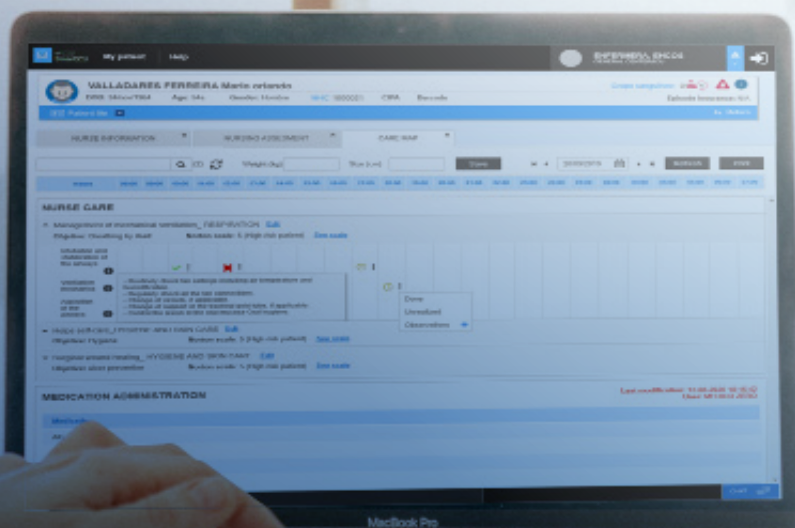everis

an **NTT DATA** Company

ehCOS
by everis

We're here to help

everis believes that the most important thing in healthcare are the people: The medical professionals who deliver care and, of course, the patients who received it.

That's why we developed ehCOS, a suite of digital healthcare solutions developed in conjunction whith healthcare professionals to help them work more easily and more efficiently, so improving patient care and outcomes.

ehCOS: designed by practitioners, built by everis, experienced by everyone.

an everis syntphony product

What is ehCOS?

ehCOS is a modern suite of products for delivering **digital healthcare** at scale and in a secure and cost-effective manner. It is an **open, flexible and standards-based solution** developed in conjunction with healthcare professionals to boost efficiency and encourage best practice in both clinical and organizational processes. Its modular design means that ehCOS can be adopted progressively, adapting to the needs and availability of each center, and it is fully interoperable to ensure easy integration with other standards-based applications.

Value Proposition

Never before have healthcare systems been under so much pressure. Societal and demographic trends, coupled with the growth of healthcare consumerism, are increasing the demand for scarce resources and putting great strains on health funding models and on those who provide care.

Consequently, hospitals and healthcare staff that in normal conditions are operating at or close to capacity simply cannot cope with sudden surges in demand. To compound the problem, around 30% of resources currently spent on healthcare are wasted on unnecessary treatments, administrative inefficiencies or avoidable complications, according to the World Health Organization.

That is why many health practitioners have long argued that we need to evolve towards a smarter, patient-centered system that reduces the demand on front-line resources and emphasizes the need for continuous and integrated healthcare, enabled by digital health services that can be delivered any time and in any place.

Just as digital transformation technologies have rapidly transformed the way businesses work, we at everis believe our ehCOS suite of technologies can achieve a similar transformation in healthcare.

ehCOS has been designed in conjunction with professionals to deliver the optimum levels of usability and functionality, so helping practitioners prioritize their relationships with patients.

It comprises a suite of technologies that automate manual processes and incorporate technologies such as business intelligence and artificial intelligence to help them make more accurate, real-time decisions.

Put simply, ehCOS gives healthcare professionals the tools they need to work more efficiently, optimizing clinical processes and improving the quality of patient care, with the ultimate goal of increasing the sustainability of healthcare systems.

Benefits

Human-centered technology:
The less time practitioners spend waiting for test results or struggling with old technology, the more they can dedicate to clinical care and talking to their patients.

Anytime, anywhere access:
Reflecting the shift to integrated, **community-based healthcare** delivery, ehCOS supports eHealth services such as on-time intervention, remote monitoring, self-care, and social support.

Boosts efficiency:
ehCOS helps healthcare professionals work smarter, whether they are in an office, in the ICU, attending an emergency or doing a consultation by virtual channels. It optimizes the use of resources and allows administrators to do more within their budgetary constraints.

Reduces errors:
Medication errors are the most common preventable cause of adverse events in medical practice. By **automating processes** and workflows, ehCOS reduces the chance of errors due to poor communication or manual data entry.

Flexible and interoperable:
Based on a modern, **standards-based architecture**, ehCOS encourages interoperability and permits

Progressive rollout:
everis designed ehCOS so that it can be **implemented progressively**, at the pace you decide. So can start with a limited implementation and later expand its scope and geographic extension, if required.

Rapid Time to Value:
A rapid and smooth project implementation is essential if patient care is not to suffer. Thanks to more than a decade's experience developing and delivering ehCOS solutions, we can guarantee success in the most complex, multi-site installations.

Cost-effective:
ehCOS has a **competitive cost of ownership** and the investment case is very attractive in ROI terms.

Scalable and secure:
ehCOS is based on a robust and scalable high-performance architecture that offers the highest levels of security and conforms to data protection legislation in Europe and elsewhere.

Main Features

ehCOS Clinic:
An Electronic Health Record (EHR) solution that includes all the major functionalities needed to automate and improve the workflows of clinical processes, and one designed to be **simple and intuitive** for health professionals to use.

ehCOS SmartICU:
For improving the care given to critical patients, ehCOS SmartICU collects data that can then be analyzed to **boost care quality** and patient safety, while reducing hospital costs.

ehCOS EMPI:
Our Enterprise Master Patient Index solution **improves data quality** by accurately matching, linking and standardizing patients' records to uniquely identify individuals and ensure interoperability.

ehCOS Remote Health:

Our telehealth solution allows providers to adopt a **community-centered care model** that takes the pressure off hospital resources. It **comprises** self-triage and advice services delivered to a patient's mobile device, videoconferencing and virtual care services, and call center-based services for cost-effective monitoring and follow-up.

ehCOS Emergency:

This solution helps **improve communication and coordination** between first responders, healthcare providers and coordination centers so they can offer more immediate and effective treatment to patients involved in emergencies or accidents.
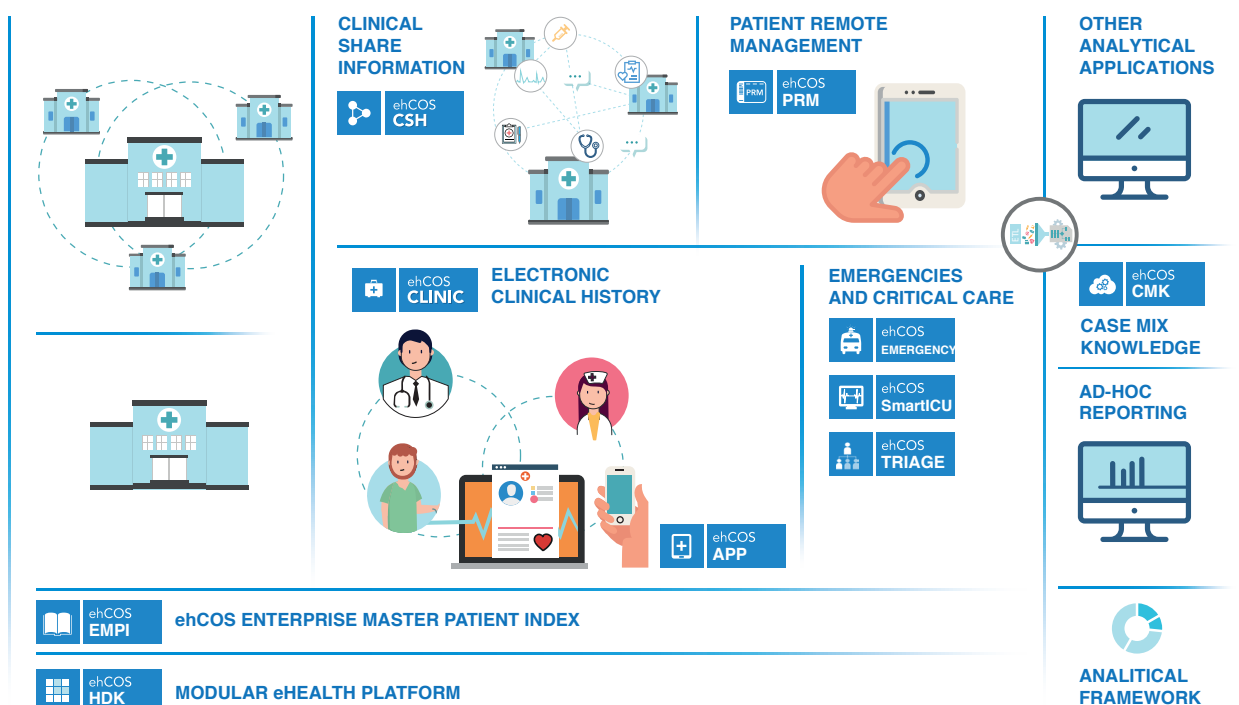
ehCOS Triage:

A quick and safe solution for **prioritizing the clinical care** provided to patients in the emergency department when demand exceeds capacity using the Manchester Triage System. It can classify patients according to their level of criticality in under one minute.

ehCOS Analytics:

An easy-to-use business intelligence tool for real-time analysis of the data ehCOS generates to allow more accurate decision-making. **More than 200 preco**nfigured clinical management indicators can be displayed on dashboards to perform quality-of-care evaluations, trend analysis and forecasts, and so on.

INTEROPERABILITY TOOLKIT

CLINICAL SHARE INFORMATION
ehCOS CSH

PATIENT REMOTE MANAGEMENT
ehCOS PRM

OTHER ANALYTICAL APPLICATIONS

ehCOS CLINIC
ELECTRONIC CLINICAL HISTORY

EMERGENCIES AND CRITICAL CARE
ehCOS EMERGENCY
ehCOS SmartICU
ehCOS TRIAGE

ehCOS APP

ehCOS CMK
CASE MIX KNOWLEDGE

AD-HOC REPORTING

ehCOS EMPI — ehCOS ENTERPRISE MASTER PATIENT INDEX

ehCOS HDK — MODULAR eHEALTH PLATFORM

ANALITICAL FRAMEWORK

Why everis?

ehCOS is offered by everis Syntphony, the platform for orchestrating product innovation and commercialization within everis. Syntphony leverages the talent and knowledge of everis professionals and our experience in delivering integrated, end-to-end solutions that maximize the synergies of the products and technologies.

everis Health has more than 20 years of experience developing solutions globally to help improve the quality of life and a team of 1,000 highly qualified professionals who work exclusively for health clients.

ehCOS was designed by healthcare professionals using the everis "co-innovation" model, which leverages an extensive network of health experts in hospitals, research centers and commercial organizations around the world, and the ehCOS Scientific and Medical Advisory Board, whose advice helps us create eHealth solutions and technologies based on our ehCOS platform.

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More **100 hospitals** around the world use ehCOS technologies and more than **23,000 patients** have benefited from ehCOS.

Gold
Microsoft Partner
■ Microsoft

The everis Difference

We invest in technology to get results but we believe in people to realize dreams. everis is inspired by talent and we firmly believe in the ongoing development of this most valuable asset, our people.

everis is part of NTT DATA, which is ranked as one of the two fastest growing and the eighth most valuable brand among the world's leading IT service providers according to Brand Finance.

everis syntphony

everis Syntphony is everis' product strategy.

Our goal is to orchestrate the synergies and transform them into a harmonious solution for our clients and partners. The talent and global business knowledge of the everis team and its experience in the integration of end-to-end solutions, come together in the Syntphony platform. Along with third-party solutions and alliances, we create innovative products that reach their full potential when combined. The perfect music for each listener.

Benefits

Experts in technology and industry knowledge

Our knowledge and experience have been focused on creating innovative products which foresee future needs, under the baton of the best conductors.

Better time to market

The readiness of our products along with everis' platform-driven integration and orchestration, allow optimal implementation rhythm.

Global reach

At Syntphony, we seek to achieve the same global vision that everis, as an NTT DATA group company, applies to the rest of its services. We can adapt to many different keys.

Synergies and maximum cost efficiency

The centralized management of products inside Synthphony creates synergies and allow us to combine them optimally like notes in a chord, so maximising performance and minimizing costs for our clients.

Excellence

We aim to excel in all aspects of product practice, from ideation and construction, to all the fields of commercialization: security, resilience, scalability, regulations, certificates, roadmaps… We seek harmony within the ecosystem.

everis: integrator and service provider

everis' expertise in technological consulting simplifies the integration of its own products, as well as offering complimentary support service for levels 1 and 2, to make our song richer and better.

Ecosystem

The Syntphony platform products have the ability to integrate and create synergies with each other, providing efficient solutions, in tune with business needs.