

HOSPITAL & CLINICAL SOLUTIONS

CONNECTED, **INTEGRATED HEALTHCARE**

CARE SUITE

TRANSFORMING HEALTHCARE SERVICES WITH DEDALUS CARE SUITE

The healthcare industry is under pressure to transform its processes in response to a increasing emphasis on the Triple Aim in healthcare.

This approach seeks to:

- Improve the patient experience, including quality and satisfaction
- Achieve better health for populations
- Reduce costs to the system

Digital technologies, products and services are central to achieving these objectives and enabling advanced analytics to support research, planning and outcomes measurement.



CARE SUITE

The healthcare sector has not been as quick as other industries to truly transform with digital technology, due to issues such as interoperability barriers and rigorous controls on data handling. However, the importance of efficient and sometimes remote treatment during the COVID-19 pandemic has accelerated the adoption of digital tools.

This adoption can have a substantially positive impact on the delivery of healthcare services and address many industry complexities, including:

- **Engaging patients in healthcare decisions and empowering them** with the right tools to access and receive care
- **Bringing together expert clinical staff across multiple disciplines and care settings** supported by comprehensive patient and clinical data to improve the quality of care for individuals and populations
- **Managing a heterogeneous patient population with many different needs**, including older generations with multiple chronic conditions
- **Operating in a tightly regulated environment** that seeks to protect the safety of patients and their data
- **Influencing the patient journey to drive lower costs**, better outcomes and greater satisfaction for all stakeholders

These challenges can best be overcome by connecting and integrating healthcare information systems, making better use of data captured across the ecosystem and transforming the patient and clinician experiences — all of which involve improving healthcare providers' digital maturity.

The problem for many healthcare organisations is how best to execute their digital transformation and modernise mission-critical IT systems and infrastructure, such as large legacy electronic patient record (EPR) systems.

At Dedalus we recognise that whilst the capabilities of the current generation of EPRs suffice to support activities within the hospital, they are insufficient to deliver the necessary change to the wider health system. We also recognise that rip-and-replace programmes that only deliver value after full implementation are not feasible for most organisations.

A care journey built on core principles:

- Leverage the latest innovative technologies to meet and exceed stakeholder expectations
- Support accessibility, real-time updates and mobile working through mobile clinical tools
- Ensure secure access to patient data — anytime, anywhere



CARE SUITE

Today's EPR system must support the creation of a single, integrated care plan that connects patients and their care teams across organisational and geographic boundaries. A flexible, intuitive EPR enables health systems to leverage the investment they have already made whilst supporting real-time analytics and user-centred and clinician-centred applications through the rigorous application of open standards.

TRUE CHANGE WILL
BE REALISED WITH
**SOLUTIONS THAT
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WHILST IMPROVING
THE PATIENT
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EXPERIENCE

DEDALUS CARE SUITE DIFFERENTIATORS

- Designed by clinicians for clinicians, with proven infrastructure and resources to ensure clinical safety and utility
- Built on open standards and APIs to support innovation and connectivity, helping to transform delivery of services to patients, carers and providers
- Leverages leading-edge technology to transform the patient experience and capture meaningful insights
- Eliminates the need for costly rip-and-replace investments by allowing organisations to build out a comprehensive EPR while maximising existing IT applications
- Uses AI and speech-to-text technology to improve data sharing, helping to transform the clinical workflow and drive patient engagement



CARE SUITE

START YOUR DIGITAL JOURNEY WITH **DEDALUS** **CARE SUITE**

Dedalus Care Suite is a flexible EPR platform that allows you to maximise value from your existing IT investments, people and processes, and achieve faster deployment of the latest digital innovations.

These include artificial intelligence (AI) and machine learning, population-based clinical analytics, and open APIs that deliver value across the healthcare ecosystem.



FLEXIBLE DELIVERY

Dedalus care suite can be hosted locally or delivered through the cloud, on-premises it or a hybrid model.

The solution can be deployed incrementally, allowing healthcare organisations to transform at their own pace and affordably.



ALL RELEVANT DATA IN A SINGLE RECORD

Dedalus Care Suite brings a modern user experience to busy clinicians. Its customisable interface optimises data presentation and capture, enables quick commands and voice recognition, and builds upon data collected and combined from integrated sources to create a single, consolidated record.

Clinical and operational data are analysed to provide clinical insights relevant to the presenting health problem and offer the potential to improve business processes.



“GV Health will be working hard with partner health services to implement Dedalus Care Suite as part of its ICT and digital health strategy. This is a significant step towards digital transformation and demonstrates the commitment of health services in the WHR (West Hume Region) to provide modern, contemporary tools that support the delivery of integrated, high-quality care.”

– **Matt Sharp,**
chief executive at GV Health, lead agency for West Hume Region

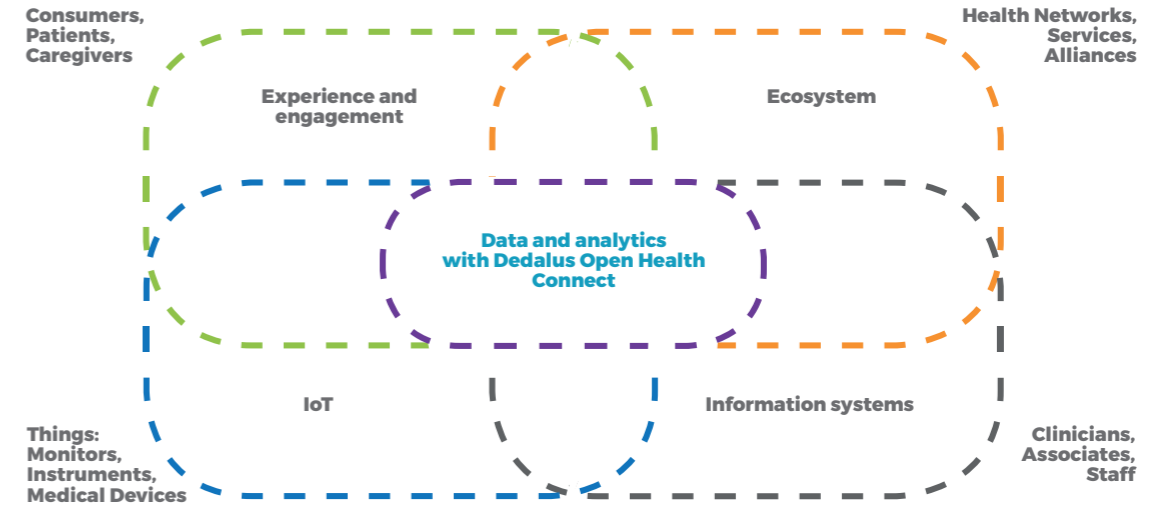
IMPROVED COLLABORATION ACROSS THE CARE PATHWAY

Dedalus Care Suite provides a secure, connected and agile platform for delivery of patient-centred care through the implementation of modern and open-solution components. This allows you to achieve efficient communication and collaboration with patients, internal staff and other facilities and services within the wider healthcare ecosystem.

Why Dedalus?

All key elements of a coordinated healthcare journey are enabled through five core, integrated components:

- 1. Experience and engagement.** Adapted to the needs of the process and the clinician's role, Dedalus Care Suite enables patients to be equal partners in their care through:
 - A role- and process-based approach to support the user and provide relevant patient content to the clinician
 - Mobile apps that capture information and provide task-focused overviews at the point of care
- 2. Information systems.** A series of support services that enable care processes and contribute to the patient record at the point of care. These services support multiple clinical disciplines in the care journey.
- 3. Data and analytics with Dedalus Open Health Connect.** Dedalus Open Health Connect creates federated health records and delivers essential functions such as workflow, pathway management, real-time surveillance and clinical analytics. When combined with medical records data, population health data and clinical pathways, it provides real insights into the efficiency and effectiveness of treatments for individual patients and patient



groups. It also supports efficient communication among all stakeholders, including the patient.

- 4. Ecosystem.** Provides secure reuse of common Dedalus Care Suite functions, such as shared user authentication and authorisation to protect patient data, definition and exchange of structured forms to collect assessments, and exchange of tasks to support cross-organisational care plans.
- 5. Internet of things (IoT).** Ensures that data from medical devices used by the patient can be included in EPR data collection.

ENABLING DIGITAL TRANSFORMATION

Whether you are looking to replace your existing systems, build on your assets or transform your business processes, Dedalus Care Suite is designed to help you achieve your goals — from enhancing operating models and user experiences, to enhancing services with new functionalities and insights from data.

We work with you to define, design and execute a successful programme, tailoring the implementation to your organisational priorities, whilst delivering the benefits of a standardised approach. Our experienced global teams understand what it takes to drive and embed lasting change across the organisation. We work with programme leads and senior stakeholders to define the vision and strategy and then share that vision with all. We establish deep collaboration with clinicians to understand their needs, which helps to ensure their buy-in and adoption, to deliver an optimum user experience.



“Dedalus Care Suite provides us with a new patient administration system, clinical documentation and also electronic prescribing and medicines administration — really, a system that touches everything we do. The hospital gains a ‘single version of the truth,’ which improves patient safety and simplifies workflow.”

— **Chris Johnson**, chief medical information officer, Royal Papworth Hospital NHS Foundation Trust

SUPPORTING THE JOURNEY FOR PATIENTS AND CLINICIANS

Dedalus Care Suite includes intelligent technology to deliver the right healthcare at the right time and place — benefitting every stakeholder in the health ecosystem and every activity central to supporting the care journey.

BENEFITS INCLUDE:

- Improved safety and quality outcomes, and greater patient engagement
- Increased flow of patients through hospitals, freeing up capacity and creating administrative efficiencies
- Real-time surveillance and population-based insights through advanced analytics to manage care pathways
- The ability to collaborate with internal colleagues or external partners with a shared view of the patient, the patient's data and the clinical context



- Greater agility and interoperability, enabling clinicians to meet the unique needs of their workflow
- Greater solution value, including all implementation and support costs without sacrificing functionality

WHY DEDALUS?

Numerous healthcare providers around the world entrust Dedalus to provide and run their business-critical systems and infrastructure, and incorporate leading-edge technology. We support healthcare transformation by providing innovative, technology-enabled and agile health solutions that deliver better care for patients, better health for populations and lower per capita healthcare costs.

Globally, Dedalus systems support more than 100 million patient records.





Dedalus

www.dedalus.com

About Dedalus

Dedalus is the leading healthcare and diagnostic software provider in Europe and one of the largest in the world. With its innovative framework of comprehensive and process-oriented solutions, Dedalus enables a revolutionary digital transformation of country-wide Healthcare Systems fully supporting the patient digital journey. Dedalus serves more than 6,100 private and public hospitals across 40 countries, through more than 5,500 highly specialized resources, of which 2000 are dedicated to R&D activities. We aim to help caregivers and healthcare professionals to deliver better care to the communities they serve and for this reason we are very proud of doing a special job, working with healthcare organisations to improve healthcare outcomes for patients.

Life flows through our software.

For more information, visit www.dedalus.com