

HOSPITAL & CLINICAL SOLUTIONS

# CREATING CONNECTED HEALTHCARE ECONOMIES

ENTERPRISE MANAGEMENT

# BRINGING PEOPLE CLOSER TOGETHER

Dedalus Enterprise Management is an enterprise health information system that connects everything from patient demographics to clinical data and financial reports. It delivers information exactly where it's needed and helps to create connections between each part of the healthcare web.

It's essential that the technology used to manage the flow of information around institutions keeps pace with the challenges facing healthcare professionals. Clinicians are under constant pressure to stay up to date with the latest advancements to make the best treatment decisions. Without fast access to accurate patient data and clinical references, medical professionals are impeded in their decision making.

They need software systems that move information to the point-of-care as fast as possible. Digital healthcare systems and electronic health records (EHRs) have revolutionized the way healthcare can be provided. Dedalus Enterprise Management helps to create connections between each part of the healthcare web, delivering information where it's needed, at the right time.

Patients are increasingly more informed and play an active role in managing their health. To succeed today, providers must adopt modern, patient-centric health systems built with population health and care coordination in mind.

Open and flexible, Dedalus Enterprise Management is also compatible with products that support healthcare standards such as HL7 and HL7 FHIR, and this



means that Enterprise Management can be deployed alongside complementary technologies, in line with existing software roadmaps. In addition, it means that we can work with you to build a solution that meets the precise needs of your organisation. The system can transform the way healthcare organizations operate and help to drive improvements in clinical outcomes and safety.

# PROVEN TECHNOLOGY SUPPORTS CONSISTENT, OUTSTANDING CARE

Based on the latest technology, Dedalus Enterprise Management offers a future-proof IT roadmap for organisations that demand the highest possible performance, availability and return on investment from their information systems.

## FUNCTIONAL SERVICES

- Identity management – keeps records consistent across the largest enterprises while safeguarding against duplication.
- Tools for every setting – because enterprise healthcare networks cover a range of care settings, Dedalus Enterprise Management includes dedicated management modules for a range of environments.
- Powerful planning – Dedalus Enterprise Management offers staff scheduling functionality with built-in availability awareness. This enables managers to allocate personnel intelligently and increase organisational efficiency. In addition, appointment scheduling tools feature integrated alert systems that notify both staff and patients of important actions.
- Financial control – for a healthcare institution to operate as a profitable business, a comprehensive billing and credit system is fundamental. Dedalus Enterprise Management contains powerful revenue management tools that integrate with clinical modules to draw accurate billing information from across an organisation.

- Electronic medical records – provides clear, instant view of patient record at point of care.
- Enhanced care delivery process - powerful workflow tools that support the automation of common processes. Medical staff, including nurses, can use these tools to keep treatment consistent across multiple wards.
- Structured care documentation –modules for specialist disciplines including oral health, maternity and paediatrics.



## ENTERPRISE MANAGEMENT

### ARCHITECTURAL SERVICES

- Consistent quality – users can create a set of care ‘indicators’, through which the quality of treatments and procedures are measured.
- Highly configurable – in-built flexibility means that the software can be deployed in organisations of all sizes from large, centralised hospitals to small, distributed clinics.
- Terminology services – Dedalus Enterprise Management supports the use of international terminology code sets, including ICD, NANDA and CPT. This allows healthcare organisations to share data seamlessly and ensure accurate interpretation across provider and payer organisations.

### ENTERPRISE SERVICES

- Enterprise scalability – can be deployed to healthcare enterprises of any size. Dedalus Enterprise Management is an open, standards-based system; it is designed to integrate with a range of external applications. Its interface engine supports the internationally-recognised Health Level Seven (HL7) protocol at various levels, so it can exchange messages with any other system that uses HL7.
- Global solution – suitable for health economies at various stages of development. Advanced multilingual support means the solution functions across geographical boundaries.
- Accessibility – Dedalus Enterprise Management offers comprehensive customisation features that allow users to display and manipulate information in the way that is most valuable to them. One specially designed module gives clinicians and other healthcare professionals the ability to access critical information from



- Dedalus Enterprise Management on a handheld device. With increasing demands from citizens for healthcare records to be available online, the system also includes a web interface that helps patients to access treatment information and book appointments through a standard browser.
- Industry-leading technology – based on the Oracle 12c database and developed using JEE standards for hardware independence.

# DELIVER OUTSTANDING CARE AND IMPROVE EFFICIENCY

Dedalus Enterprise Management seamlessly links disparate sites and workflows for institutions of all sizes, from small clinics to large research hospitals. It includes dedicated management modules for outpatient clinics, day care organisations, emergency departments, inpatient wards, mortuaries. This ensures that health practitioners have the right information to do their jobs. It helps professionals, including managers, to work more effectively and efficiently in almost every healthcare setting.

## **BENEFITS FOR CLINICIANS**

- Get the right information, decision-making and support tools at the point of care.
- Make swift decisions based on accurate, up-to-date information – for example, triage nurses treating patients in accident and emergency departments.
- Save time using smart diagnosis software that recommends a possible course of action.
- Deliver consistent treatment across disparate wards with the support of powerful workflow tools.

## **BENEFITS FOR MANAGERS**

- Increase efficiency through deployment of appointment scheduling tools – featuring built-in alert systems – that notify staff and patients of important actions.
- Plan effectively for crisis situations such as major accidents or epidemics.
- Better manage resources, from surgical instruments to food, using sophisticated and simple-to-use inventory software.

## **BENEFITS FOR FINANCE MANAGERS**

- Use comprehensive billing and credit system to manage institutional finances quickly and effectively.
- Reduce administration time and improve cash flow by automating charging processes.
- Manage complex insurance arrangements, for example co-payments and staggered payments.

## **BENEFITS FOR PATIENTS**

- Receive better care based on faster decision making and improved collaboration between clinicians.
- Always receive the correct medication at the right dosage thanks to closed loop medication management.
- Gain confidence when treated by clinicians and others who have up-to-date and detailed patient histories, and closed loop medication management.
- Enjoy a better understanding of treatment and the decision-making process.



## WHY DEDALUS

- Healthcare institutions worldwide are under pressure to deliver care services faster and more cost-effectively. Ageing populations and chronic illnesses are stretching existing resources to their limits. Dedalus Enterprise Management proves to be the best Health Information System solution to build a well-informed health care provision model.
- Enterprise care providers are becoming larger and more geographically dispersed, encompassing care institutions of various types and sizes. Dedalus Enterprise Management supports multi tenancy solution model proved to cater from 100 to 3000 bed-hospitals.
- Institutions face increasingly complex legal requirements for billing and insurance, and a growing body of clinical responsibility legislation. Dedalus Enterprise Management provides end to end hospital billing functions with interfacing support with Financial ERPs like SAP and MS Dynamics. Dedalus Enterprise Management is also accredited with EMRAM Stage 6 certification.
- Dedalus Enterprise Management solution caters to both public and private sector healthcare systems and proves useful to wider range of users like government officials, healthcare business decision makers, clinicians, IT managers, etc.



### START THE DIGITAL DEDALUS CARE SUITE JOURNEY

Dedalus can help you on your journey to optimize care pathways, empower individuals to take control of their health and access insights that drive better decision making. Working with the experts at Dedalus, you can uncover deeper insights and intelligence, exploit new technologies and support organizational innovation.



# Dedalus

[www.dedalus.com](http://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](http://www.dedalus.com)