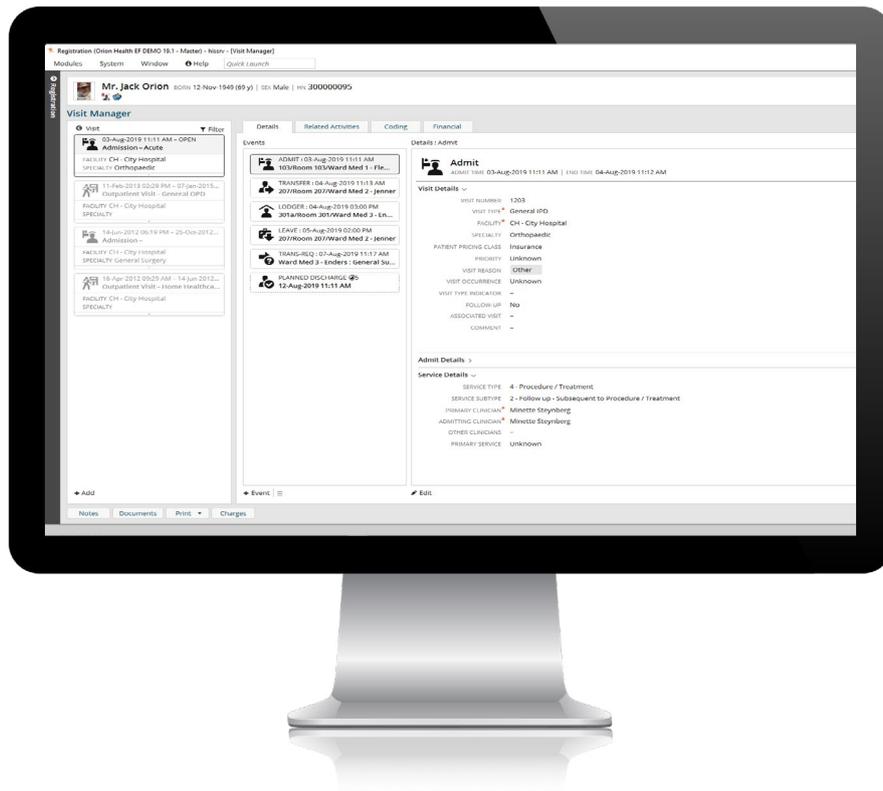# ORION HEALTH

enterprise

A functionally rich, fully integrated hospital information solution supporting the delivery of optimised healthcare.

Orion Health Enterprise is a comprehensive, fully integrated hospital management system that connects patient, clinical, departmental and financial departments. Through superior integration capabilities and modular architecture with open Application Programming Interfaces, Enterprise can be implemented following the best of breed approach, connecting with legacy and third-party systems, allowing organisations to deploy niche departmental solutions whilst still benefitting from a fully integrated hospital information system. Delivering integrated workflows and reducing duplication of information entry.

Implemented using a rapid approach, Orion Health Enterprise solution can be delivered in just months, either as an end-to-end hospital information system or as individual modules, helping hospitals and health systems to realise value quickly.

Designed with the end user in mind and deployed with pre-configured best practice workflows, Enterprise allows health professionals to see the information they need, when they need it. Users can configure the solution to suit their needs, and access information within and across departments. Built-in single sign-on capabilities combined with the latest security technologies offers the critical privacy and confidentiality of all patient data.

Orion Health brings 25+ years of global healthcare experience and capability to each and every customer, without compromising on the local touch required for successful delivery and support. Our robust global experience, combined with our local and regional implementation workforce, means we are equipped to seamlessly manage the nuances of culture and language, and support hospitals on their journey towards accreditations such as JCI by ensuring that the correct information is available across the organisation when needed.

Benefits of Enterprise

Designed for users

With pre-configured best practice workflows, an easy to use interface that reduces user learning curves and the ability to customise the solution, Enterprise is designed specifically for the individuals using it. With seamless integration across disparate sources, Enterprise connects systems and departments and allows users to access information instantaneously on web or handheld devices.
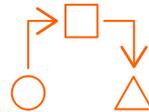
Cost-effective

Enterprise enables fully integrated hospital operations at a fraction of the cost of other leading international vendors. Through modules that can be deployed independently, and a streamlined deployment method, hospitals can experience value quickly and efficiently. Modules can then be added to overtime as the organisations needs evolve.

Connectivity

We understand there are many specialised departmental solutions required to run a modern hospital. Enterprise is delivered with a high-performing interoperability platform built specifically for healthcare, allowing organisations to take a best of breed approach and acquire the dedicated functionality they require. With HL7® FHIR® capabilities for the robust and reliable acquisition and exchange of health data, Enterprise can seamlessly connect legacy and third-party systems, regardless of technology or standards.

Flexibility

We understand that not all healthcare organisations are built the same. As well possessing a pre-configured best practice solution, Enterprise offers flexible workflows to support various scenarios and ensure the most optimal operation for your organisation. The solution is also highly scalable and can be used by smaller individual hospitals, as well as large hospital groups in a single, multi-site instance, ensuring suitability today and into the future.

Multi-lingual

Supporting international healthcare, Enterprise is built to serve multiple countries and cross-border organisations. Being fully Unicode compliant means Enterprise is ready for deployment in the most complex multilingual environments.

Multi-site enabled

Enterprise provides multi-site functionality that allows for the deployment of a single instance across multiple sites or facilities – allowing hospital groups to operate in a centralised or hosted environment, including the cloud if required.

Key Features

Supports open Application Programming Interfaces

Third party applications or systems that help a clinician turn valuable insights into action can be integrated into the Enterprise solution seamlessly.

Resource optimisation

Deliver maximum efficiency of operating room resources, staff and materials through scheduling, utilisation and peri-operative management tools.

Real time charge capture

Accurate cost information is critical for healthcare organizations looking to reduce waste and inefficient practices. Real time charge allows for the monitoring of authorisations and deposits as well as the reduction of late charges.

Instant view of test results

Fully integrated LIS and RIS within the ordering process, flagging and notification for critical results, cumulative test display, specimen and result auditing allows for rapid result turnaround and report generation leading to improved clinical outcomes and increased efficiency.

Security and privacy

Advanced privacy implementation provides granular access to data elements based on user roles and the sensitivity of the data. The privacy module provides a unique and simplified user interface that enables advanced privacy rules to be implemented in today's complex healthcare environments.

Global multinational configuration

Supports multiple languages and currencies to deliver to individual country requirements.

About Enterprise

Clinical record

At the heart of the solution is Enterprise Clinicals - the electronic medical record (EMR). This suite of modules enables the consolidation, creation and management of clinical information across an organisation, giving a single view of up-to-date, patient-centric information. Enterprise clinicals provides the necessary tools for health professionals to complete all procedures and tasks associated with each and every patient visit, and can be accessed from any device across the organisation.

Patient administration

Enterprise Patient Administration delivers a highly customisable patient administration system (PAS) that allows facilities to deliver optimum workflows for their unique patient management context. The solution is designed with the user experience in mind, with information for all patients being collected once - significantly reducing the duplication of effort. It facilitates ongoing process improvements, the reduction of waiting times (by means of more efficient workflows) and a streamlined patient experience.

Departmental management

Manage the flow of information and scheduling of resources across wards, outpatient, emergency and surgical departments with Enterprise. Information can be quickly created, viewed and managed for all members involved in patient care, ensuring optimal use of resources.
With a full Laboratory Information System, Radiology Information system and Pharmacy and Medications system, our solution gives you the ability to manage every aspect of the hospital.

Back Office

Enterprise delivers a highly flexible back office solution for processing payments, patient billing, physician reimbursement and more. A core part of the Hospital Information System, information is captured as it is generated, giving continuous insight into the hospitals financial status and allowing management to make more informed decisions.

Administration

- Patient Registration
- Master Patient Index
- Admission Management
- Referral
- Enterprise Scheduling
- Clinical Coding
- Scanned Medical
  Records
- Patient Finance
- Support for regional
  regulations e.g.
  Vietnamese Social
  Security (VSS), Phil
  Health

Clinical Applications

- Adaptive web-based
  access to patient records
- CPOE (Orders - radiology
  and Lab) and results
- Problem List
- Clinical Documentation
- Notifications
- ED Whiteboard
- Care Pathways (optional)
  - Optimised workflows
    to support and
    manage programs
    of car
- Collaorative Worklists
  (optional)
  - Create and share lists
    of patients

Departmental Management

- Inpatient/Ward
- Outpatient Clinic
- Emergency Care
- Surgical
  Management

Ancillary Departments

- Pharmacy and
  medications ordering
- Laboratory
  Information System
  (LIS)
- Radiology
  Information System
  (RIS) and
  integration
  with 3rd party PACS

Back Office

- Revenue Cycle
  Management
- AP, AR
- Inventory
  Management
- Doctor Fee
  Reimbursement
- 3rd Party ERP
  Integration

Key Modules

Enterprise is a fully integrated, modular solution that can be delivered as an end-to-end hospital information system, or as individual components.

Patient Administration

Enterprise Administration consolidates information across systems, and allows users to record relevant demographic information, book appointments and track patient activity. The processing of patients from registration, to referral, waiting list, admission and transfers is optimised to improve the flow of the patient through the system. Information for patients is collected once and made available as required, significantly reducing the duplication of effort. Workflows can be customised to deliver optimum workflows for a facilities unique patient management context. Core capabilities within our PAS include Registration, Allergies and Alerts, Referrals, Visit Management, Waiting Lists, Inpatient and Ward Management, Outpatients/ Appointment Scheduling, and Medical Records Coding and Tracking.

Clinicals

Enterprise Clinicals provides instant access to up-to-date, accurate clinical information through a web based portal that can be accessed anywhere, on any device, enabling clinicians to create and manage the information they need to deliver superior patient care.

A highly configurable suite of modules, Enterprise Clinicals is deployed with best practice workflows, but can be highly customised to meet individual clinician's needs. Consolidating information across systems and departments, whether captured within the Enterprise solution itself or via integration points to third party applications, clinicians both within the hospital and outside can contribute to a single patient record - quickly placing diagnostic orders, reviewing patient progress or creating notes as required.

Emergency Management

An efficient, accurate Emergency Department (ED) management system is critical to hospital operations. Enterprise provides quick registration and triage features for prioritising patients based on their need for clinical care. The ED management solution includes an electronic whiteboard with advanced functionality and flexibility to ensure rapid clinical adoption. With real-time status and patient tracking, the ED management system provides clinicians with a single view of the relevant information pertinent to the treatment of their patient.

Diagnostic Ordering

Enterprise includes a fully integrated Computerised Physician Order Entry (CPOE) facility that allows clinicians to route orders electronically. Orders can be placed individually and as order sets, all via a common user interface including such facilities as clinician favorites to further refine and streamline the ordering process. Comprehensive Active Decision Support facilities are also triggered during the ordering process to alert clinicians of potential interaction or issues with individual patients. These capabilities are underpinned by leading industry formularies that are licensed independently but integrate with Enterprise.

Surgical Management

With the increasing demand for elective and emergency surgeries, plus the pressure to deliver results at lower cost, hospital operating rooms require a quality surgical management solution. Enterprise delivers maximum efficiency of theatres, staff and materials through a combination of scheduling, utilisation and peri-operative management tools. Preference cards and resource tracking features provide added benefits allowing focus on patients and less time on the administrative tasks associated with the surgical event. Tight integration with the Enterprise Revenue Cycle Management solution ensure accurate transfer of all details necessary to support the billing of all patient episodes.

Medication Management

In addition to automating the complete workflow of a hospital pharmacy, Enterprise provides tools for organisation-wide medication management and administration. Bar-coded patients, employees, and prescriptions provide increased support for the five rights of medication administration. The Medication Administration Schedule (MAS) and Medication Administration Record (MAR) are two important and critical elements that support closed loop medications and help increase patient safety by decreasing the risk of patients receiving incorrect medications.

Laboratory

Enterprise LIS (Laboratory Information System) is integrated within the ordering process. The module includes order and specimen tracking, flagging and notification of critical results, cumulative test display, specimen and result auditing. Automated integration software for lab analysers allows for rapid specimen/results turnaround, supporting improved clinical outcomes and increased efficiency.

Radiology

Enterprise RIS (Radiology Information System) manages the entire radiology department, while also interfacing with third-party solutions. The workstation interface is optimised for radiologist workflow and includes support for predefined report templates, voice-recognition, and dictation with transcription capabilities; all designed to reduce results turnaround. Reporting capabilities include state-of-the-art change tracking functionality to clearly identify any corrections made. Enterprise RIS optimises the use of radiology equipment by automatically adjusting conflicting bookings and conversing with the other departments to avoid appointment clashes. The Orion Enterprise RIS can also be seamlessly integrated with leading industry PACS systems.

Back Office

Enterprise's integrated back office solution encompasses a range of capabilities including General Ledger, Accounts Payable, Materials Management, Accounts Receivable, Fixed Assets, Cash Management and full patient Revenue Cycle Management (RCM). The RCM includes authorisations, patient charging, cashier and electronic claims management functionality, all based on a centralised policy tool. This overall financial management solution enables a current, consolidated view of the financial health of a hospital at any point in time.

Enterprise has seen significant investment in supporting integration with public health insurance systems and has a flexible rules-based computation engine which allows for complex, changing rules to be run for determining billing price and coverage.

The Clinician's Fee Reimbursement module is fully integrated with Accounts Payable and enables users to process the reimbursement for clinicians by either individual clinician or clinician pools. The system can be configured to determine the reimbursement method that will be effective at charge time, at invoicing time, or at invoice- paid time.

"With Orion Health Enterprise we know we have a solution that utilises global healthcare informatics standards on a scaleable platform."

Dr. Juan Antonio Javellana
Director of Medical Informatics

(ASIAN HOSPITAL AND MEDICAL CENTER)

Simplifying processes, driving greater organisational efficiencies and improving patient outcomes.

Find out more at orionhealth.com/global/products/enterprise

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