



Oacis Enterprise EMR

Streamlining clinical
efficiency

oacis

 **TELUS**
health solutions

Streamlining Efficiency, Increasing Productivity And Improving Patient Safety

We offer proven efficiencies in the delivery of healthcare
oAcis I Enterprise EMR offers tangible means to cost-effectively improve health care delivery. The result is enterprise-wide enhanced quality of care.

We speed up care delivery

oAcis I Enterprise EMR provides caregivers immediate access to the most timely, accurate patient data, summarized according to need and viewed through a user-controlled interface. Clinicians have the facts faster and clinical processes are streamlined, resulting in better decisions.

We improve patient safety

oAcis I Enterprise EMR has the proven technology to enable delivery of first class, comprehensive care from multiple points-of-service across an enterprise, helping health professionals cost effectively improve patient safety. Our flawless integration of data, from existing systems using scalable, expandable technology, increases productivity and delivers better health care.

We centralize and consolidate patient information

oAcis I Enterprise EMR centralizes all the information regarding patients and the services related to their care, then streamlines the flow of that information to the appropriate team of clinicians and caregivers. This patient-centric data is consolidated, documented and safeguarded in a powerful and secure repository.





Interoperable Technology Platform

An open, highly scalable platform

OaCis I Enterprise EMR's open architecture is designed for connection and interoperability to maximize efficiency throughout the healthcare enterprise. The engineering components behind our Interoperable Technology Platform integrate seamlessly with existing departmental systems, saving time for healthcare providers and improving patient care.

Our platform is a cost-effective gold standard for exchanging data among disparate systems.

Clinical Data Repository

Proven performance built-in

The cornerstone of OaCis I Enterprise EMR is the Clinical Data Repository (CDR). Built upon a pre-defined, configurable, medical data schema, our CDR is an enterprise-wide data base that aggregates, organizes and stores patient data collected from multiple sources and systems, within and across episodes of care. It supplies care providers with a fully electronic, longitudinal patient record.

Unmatched expandability

In addition to its ability to store complete medical records, the CDR can scale-up to accommodate large-scale enterprise requirements. The CDR's built-in scalability tools, high-availability options and load balancing mechanisms, virtually eliminate the need for archiving, thus enabling complete and instant data access for the entire clinical team.

Facilitates analysis of clinical information

In step with evolving healthcare standards, our Clinical Data Repository can store data at many levels of granularity, enabling detailed comparison and trending of clinical information. It is highly flexible and facilitates flawless integration of data from any source to a single timeline.

Integration Gateway

Ensuring precise data delivery

Within OaCis I Enterprise EMR, the Integration Gateway is the engine that automatically populates the Clinical Data Repository, connecting all departmental systems by accepting,

OaCis I Enterprise EMR is a flexible health IT development platform that provides out-of-the-box EMR functionality for clinicians.

formatting, storing and forwarding data. It can accept messages from virtually any source. Its data base queues and auditing tools assure that the data reaches its destination within the repository. The gateway includes a robust library of pre-configured interface templates that jumpstarts interoperability projects.

Clinical Care Suite

Streamlining workflow enhances quality of care

The OACIS | Enterprise EMR Clinical Care Suite is a tightly integrated set of applications designed to enhance quality of care and streamline clinical processes. It optimizes clinician time and supports clinician workflow, while improving the quality of care delivered. Its applications support the workflows and preferences of diverse medical specialties, clinical disciplines and individual practitioners. It offers fast, secure access to patient records from a standard web browser using a secured user sign-on. It delivers immediate access to relevant, accurate, timely and easy-to-use patient data.



Clinical Viewer

Easy access to data

Our OACIS | Enterprise EMR Clinical Viewer offers a variety of data summaries with user-controlled views. **This facilitates rapid, timely evaluation** of selected patient information, translating to improved efficiency and care. The data viewed can be filtered based on standard practices, specific clinical events, as well as the unique needs of individual clinicians. Fast and easy-to-use, it presents patient-centric data that reveals the entire patient story.

Emergency Department Tracking

Improving patient wait times

The dynamic tracking system automates the manual whiteboard with timely notifications of delays and events that slow down the movement of patients within the department. Clinicians are quickly notified of these events as they look up at the monitor and address the delays immediately, without logging into the system.

Integration with existing ancillary systems

With our open architecture we are able to integrate diagnostic ancillary systems, including lab, to automatically update the tracking system and alert clinicians when critical test results are completed.

Patient locations and acuity easily identified

Clinicians can quickly and easily see the complete department status and locations of patients, including severity of the illness and injury. This allows the clinicians to prioritize their focus and care to patients with the greatest need.

Order Management

Supports rapid, accurate ordering

This application safely manages orders and provides judicious reminders, alerts and guidance to clinicians throughout the ordering and care delivery processes. Electronic orders generate multiple concurrent requests for diagnostic, ancillary, nursing and other clinical services, enabling rapid specimen collection, completion of lab tests, imaging procedures and drug interventions. Pharmacy orders are automatically evaluated for duplicates and conflicts. Our OACiS I Enterprise EMR Order Management application offers enhanced decision support with its safety checks and dosing assistance through **CPOE (Computerized Provider Order Entry)**.

Clinical Documentation

Delivers shared information, reducing risk

This series of integrated modules is designed for communication and collaboration among the entire interdisciplinary care team across multiple points-of-service. **It creates significant efficiencies** by eliminating unnecessary duplicate data entry, streamlining charting and supporting interdisciplinary care.

OACiS I Enterprise EMR Clinical Documentation captures patient assessment data and displays it in a clinician-friendly flowsheet format used by a broad range of physicians and care providers. Physicians and clinicians can thus create, maintain and easily update the patient problem lists; and nurses benefit from improved documentation efficiency. OACiS I EMR offers numerous other flexible documentation capabilities which support a full range of multidisciplinary care.

Careflow Tools

Organize functions from a single source

OACiS I Enterprise EMR CareFlow tools automatically generate work lists as a byproduct of orders and plans of care. Nurses and clinicians access work lists for individuals or groups of patients, for an entire shift or a particular period of time. Clinicians can chart completion of an activity, or set of activities, directly on the task list, updating the order status and other chart documents, resulting in improved efficiency.

Census Management

Uninterrupted quality care

Intended for use when the primary registration system is not available, the OACiS I Enterprise EMR Census Management application allows nurses and authorized staff to collect initial registration and admission data to establish a patient record and begin the encounter with the provider organization. Unnecessary delays in initiation of treatment in critical situations are avoided and clinicians can use a single administrative system.

Authorized nurses can assume greater responsibility for basic bed management functions, resulting in optimal patient placement and accelerated transfers within the hospital.

This improves patient throughput and decreases patient wait times.

oacis I Enterprise EMR's clinical care suite streamlines workflow, providing a single source or functionality with integrated patient information

Enterprise Master Patient Index

Our EMPI assigns a common record number associated with each individual patient for reliable, easy, direct access to information.

Enterprise Master Patient Index (EMPI)

Consolidates and eliminates duplicate records across the entire enterprise

The EMPI plays a significant role within an enterprise by linking disparate demographic records together, regardless of the registration system used by the health organization. Our EMPI is the essential first step in creating a cross-enterprise view of clinical care for each patient.

Eliminates duplicate records, improves clinical decisions

Our EMPI utilizes sophisticated matching algorithms and configurable matching criteria to systematically identify potential duplicate patient records. Suspect duplicates may be automatically linked through a common identifier or presented for review.

Viewing the patient's entire record

Clinicians can access a patient's complete history, confident that the data, culled from multiple sources, represents the comprehensive patient record in OaCIS | Enterprise EMR.

Health Data Warehouse

Revolutionizing The Way Information Is Stored, Distributed And Accessed

The OACiS | Health Data Warehouse provides a central data mine of clinical and business data for medical research and the development and evaluation of protocols, treatments and evidence-based best practices to facilitate better clinical decision-making. It also houses a library of reports that can be easily generated by non-technical users.

Enhanced decision-making

Our Health Data Warehouse supports analysis that spans patients, outcomes, practice and history to support improved clinical decision-making and patient care.

Leveraging data for better decisions

Health care organizations can improve their strategic planning and ensure continuous improvement with our Health Data Warehouse. It leverages data from the Clinical Data Repository, as well as other data sources. Data is collected automatically and prioritized, providing non-technical users the ability to query, analyze and explore the data for better, in-depth clinical and business decision-making.

Sharing and expanding knowledge

Optimized for in-depth clinical and operational research, our Health Data Warehouse is delivered with a predefined clinical data module, including metadata and cubes, as well as a library of model reports. This enables care delivery organizations to jumpstart their analytical programs while simultaneously offering sophisticated reporting techniques and documentation.

For maximum flexibility, our Health Data Warehouse also includes the infrastructure and tools necessary for researchers and end-users to create additional reports, as needed.

Built with industry-leading standards, our Health Data Warehouse facilitates analysis and research, thereby helping improve the enterprise's performance.





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