

 oasissys.com

 [oasis_sys](https://twitter.com/oasis_sys)

 [oasis_system](https://www.instagram.com/oasis_system)

www.oasissys.com





OASIS+ Overview

OASIS+ is a robust and integrated web-based hospital information system that adopts the latest cutting-edge technologies to meet rapidly changing business requirements and addresses most areas of health care activities within hospitals. OASIS+ can also be offered in different flavors to fit different sizes of hospitals.

User Experience

Enhanced user experience for better usability through adopting modern technologies.

Global Standards

Compliance with global standards to provide better interoperability using IHE standards to communicate with other systems and devices.

systems and devices.

OASIS+ is a modular system that can be offered in different flavors to fit different sizes of hospitals.

Seamless integration

Share information across all hospital facilities using the same system through its modules, ensuring consistency and integrity of information.

Secure Environment

OASIS+ security ensures sensitive system functions and information can be accessed only by that hospital authorized employees. The security levels can be customized to fit hospital departments and positions in the system by hospital staff.

Medical Modules



Patient Administration

Patient Master Index

Central PMI provides accurate and up to date patient demographics and information to all system services. This is achieved by:



Powerful Search Engine

Enhanced search tool that is provided either through smart or detailed search functions. It searches and warns for probable duplicates to eliminate multiple registrations.



Names Auto Translation

The PMI implements a multi-lingual names dictionary that provides the ability to automatically translate patient names between different languages.



National Repository Integration

The ability to integrate with national demographics repository via Yakeen or Elm to automatically get patient information using National ID number, this ensures correct data are being recorded.



Consent Forms

Patient consent forms supports the healthcare facility to reduce the paperwork for the patients, as it helps to sign patient consent forms electronically using a tablet device and gives the health team easy access to patient information and documents.

Outpatient Scheduling

Automate patient data flow and reduce the burden of administrative tasks with customizable scheduling and electronic patient intake forms. Easy scheduling saves time and streamlines your workflow.



Powerful Interface

Privileged access to clinic schedules with powerful search functionality by specialty, physician, times, and nearest match.



Self Service

OASIS+ seamlessly integrates with self-service kiosks for booking and arrival, it also integrates with queuing systems and IVR systems.



Online Patient Registry Integration

Save time and report more accurate information by minimizing manual entry of patient information with online integration with Yakeen service.



Online Scheduling and Reminders

Publish selected physicians/schedules and times on patient portal for online bookings, and automatically remind patients before their appointments via SMS to reduce no-shows.



Inpatient Management

Manage hospital admission to provide beds quickly and easily for patients, in routine and emergency cases. OASIS+ ensures the optimal use of the available resources and guarantees efficient use of the hospital beds.



Bed Management

Graphical admission planning and bed reservation functionality provide better bed planning and efficient usage. Length of stay is automatically estimated based on admission diagnosis, which affects bed planning.



Fully Integrated with Other Departments

Tightly integrates with ancillary and support departments like laboratory, pharmacy, dietary and billing. It also integrates with admission requests from outpatient and emergency departments.



Patient Tracking

Handle and track patient movement using room and bed transfers, home leaves, and out on pass.

Smart Billing Engine

Simplify your billing OASIS+ helps you get paid faster. Billing is a breeze with our streamlined billing engine that integrates directly into your OASIS+.

Verify eligibility automatically

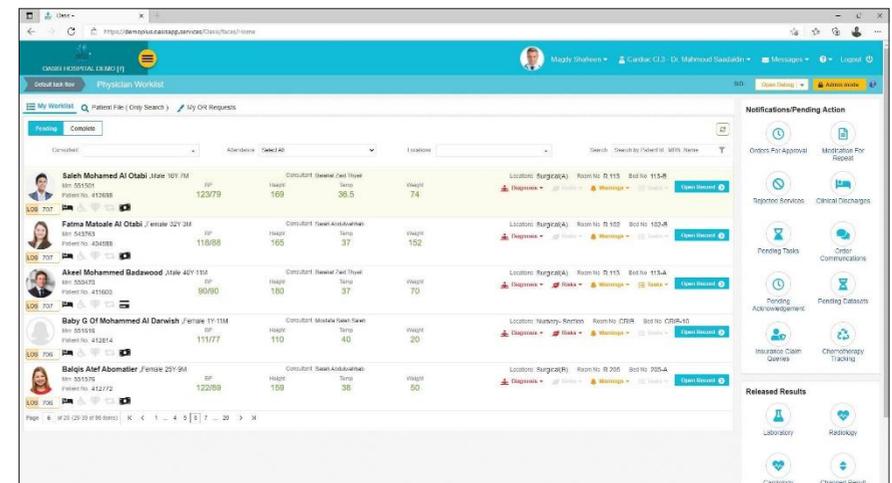
Online check insurance eligibility in OASIS+ before each visit.

Easily Submit Accurate Claims

Create compliant statements that automatically pull information from your EMR to reduce double-entry and increase accuracy.

EMR

OASIS+ EMR enables tracking data over time, checking how patients are doing on visits, and monitoring and improving overall quality of care. It. Using OASIS+ Dataset, an intuitive charting tool, OASIS+ provides the ability to generate dynamic forms to cover all required needs.



1 Save Time with Context-Specific Templates

Create and access charting templates and customize them to fit your workflow.

2 Rapid Charting using Automatic/Manual Favorite Lists

Record diagnoses and create orders using user specific favorite lists of frequently used diagnoses and orders for less manual entry.

3 Effective Speech Recognition

Accelerate EMR adoption by applying speech recognition that provides a consistent and personalized clinical documentation experience across OASIS+.

4 Review Patient Health Status with Flowsheets

OASIS+ flowsheets view enables you to create and use flowsheet templates to track patient health data over time to monitor progress and identify potential gaps in care. You can also track patient data longitudinally and monitor how patients are doing on previous visits.

5 Order from Patient's Chart

Create and manage orders of various types like medications, laboratory, and Radiology orders directly from patient's chart, you can use intensive communications tool to communicate with Team members and ancillaries.

6 Visual Triage

The visual triage provides the ability to do visual triage using Covid19 and MERS datasets and risks scores.

7 Tailored Triage

Along with providing quick patient registration and visit opening, the triaging process is based on the flexible dataset module to enable hospital to customize the triaging process based on their need.

8 Powerful Whiteboard

The module provides a powerful white board to track patients with location, status, responsible physicians and nurse, order

status and result status. It also tracks admission request for better communication with inpatient department.

9 Order Set Management

Create and manage orders of various types like medications, laboratory, and Radiology orders directly from patient's chart, you can use intensive communications tool to communicate with Team members and ancillaries.

10 Allied Health Care

This covers a broad group of health professionals aside from physicians and nurses, who can provide a range of diagnostic, technical, therapeutic, and support services in connection with health care, like social workers, lactation consultants, occupational therapist, speech & swallowing therapist, etc.

11 Nursing Management

OASIS+ provides powerful nursing management module which enables nursing to manage assigned patients, administer drugs and assigned tasks, records intakes, and outcomes for fluid restricted patients, manage patient acuity and document nursing notes and assessments via dataset module.

12 Nursing Care plans

This module gives the nurse the ability to assess patient condition, identify his problems and assign suitable nursing diagnosis and goals to the patient, which triggers predefined nursing plans and timely tasks to follow. The nurse has the option to regularly assess patient condition and record case progress accordingly.

13 Whiteboards

The EMR provides ER whiteboard for deployment with ED locations. It also provides Nursing Whiteboard with floor plan for inpatient nursing management.

Ancillary Care

OASIS+ ancillary modules cover all supporting departments like Pharmacy, laboratory, Blood Bank, Operating Room, Physiotherapy, and other services.



1. Pharmacy Management

OASIS+ pharmacy module covers regular orders, I.V., TPN, and Chemotherapy and medication reconciliation. It also provides a powerful unit dose management for efficient inpatient drug dispensing with ability to integrate with floor stock cabinets and Pharmacy robotics.

Medication ordering is tightly integrated with drug database to scan placed orders for drug interaction, allergy interaction, precautions, duplicate therapy, dose range checking with access drug monographs. Anesthesia, Pre-operative, Intra- operative, post-operative Datasets with safety checklists Complete LIS that covers all activities within the lab department. It covers collection, multiple samples receiving areas, result entry, result multi validation, delta checking, and others. It also supports Bi-directional communication with lab analyzers.



2. Laboratory

Sample Collection

The sample collection automatically groups tests by container, with ability to recollect. The system can also capture user comments at collection time.

Sample Tracing

The sample receiving is recorded in central lab and/or lab sections to track times. The function traces samples using sample id or patient number with ability to see status and all transactions for selected sample.

Lab Quality Control

Lab quality control is based on applying the Westgard Rules to ensure accurate results.

Result Entry and Review

Manual result entry can be used in addition to Bi-directional communication with analyzers with automatic conclusion marking. Delta checking during result entry, Rules and interpretation, and Text phrasing are all applied at result entry stage to guarantee accurate result entry. Result review, release, modify, and cancel functions are available and based on user security levels.



3. Operating Room

OASIS+ Operating Room handles the OR processes starting from the operation planning at outpatient clinics until the report release.

Planning

Operation requisition, anesthesia assessment and operation planning.

Collaboration

Integrated patient handover tool and communication between operating room and wards.

Comprehensive Data

Collection and Reporting

Capture operation details (times, procedures, personnel, etc.) using operating worklist, including pre-operative, intra- operative and post-operative datasets along with safety checklists. It also covers operating reports and verification.





4. Physiotherapy

Physiotherapy module schedules and process all ordered physiotherapy services. It integrates with outpatient and inpatient modules into the OASIS+ medical record.

- 1 Maintain resource sessions.
- 2 Service order entry and scheduling.
- 3 Worklist and session details with datasets.



5. Transcription

Transcription module provides ability to define and generate medical reports based on clinical data collected.

- 1 **Flexible Reporting**
You can create medical reports based on user defined templates. Each document could be generated using selected template based on user access privileges.
- 2 **Event Driven**
Supports event-based automatic document requisition, discharge summary is automatically requested when patient is discharged.
- 3 **Collaboration**
Documents can be forward for review, sign, and cosign, with ability to track actions

Patient Engagement

Our patient mobile app solution empowers patients to be engaged in their own care to help improve health outcomes, drive better patient care, and achieve lower costs. Patient can securely activate his account through the patient mobile app., after confirming his identity.

Family health Management

Patients can access and manage the health information of their family as well as of themselves with one single sign on.

Timeline of Upcoming Events

Patients can easily view details of the upcoming scheduled clinic appointments, endoscopies, physiotherapy sessions, laboratory tests, prescription refills and planned admissions in chronological order, along with a timeline view of the past events.

Online Booking Management

Patients can book and manage their appointments online, immediately and in real time, 7/24. They can search by physician, specialty, and subspecialty. Once booking is appointment is booked or cancelled an SMS notification will be sent to patient mobile as well as reminders.

Remote Consultation

The patient can schedule a remote virtual consultation session and pay online. Then can join a virtual consultation with his doctor via a scheduled video call all through

the patient mobile app. The system sends reminder messages for the appointment and maintain patient within virtual waiting room. Patients have access to visit summary as diagnosis, prescribed medications with downloadable prescription and laboratory orders.

Medical Record Access

Patients can securely access to up-to-date medical record information. This includes problem list, allergies, vital signs, medication list, laboratory results, radiology reports, O.R. reports, immunization profile and medical reports.

Demographics Management

Providers can offer their patients ability to update their demographics including address, phone numbers, email, and mobile number.

Complaint Management

Patient portal offers a complaint management facility for patient to report issues and ensures complaints are registered, processed, and resolved for patient satisfaction.

ERP Modules



Material Management

OASIS+ Material Management System (MMS) handles all Material Management Departments, which include Inventory Control, Inventory Planning, Purchasing and Payables.

OASIS MMS allows a complete integration of material handling processes starting with Item Definition, purchasing of hospital supplies and services, receiving and inspection of delivered supplies/services, storing of items, and issuing to patients. With complete monitoring & controlling dashboards and KPIs.

Supporting Closed Loop Medication which significantly enhanced patient safety and improved efficiency of the entire medication management process, from prescription ordering and supply to the administration of the medication.

1. Purchasing

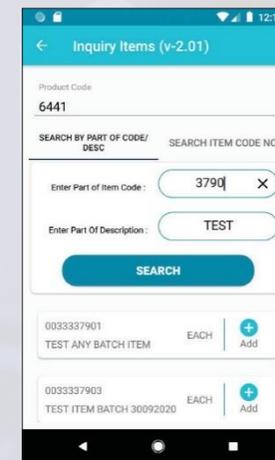
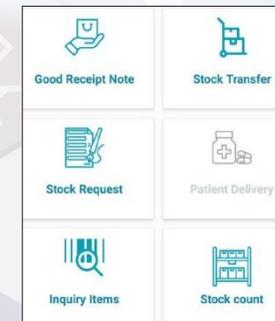
Manage and maintain all the purchasing activities including departments requisition, suppliers' management and procurement of goods and services with full analysis utility for quotations.

2. Supplier Portal

It is a web-based application supports both transaction documents and view-only documents; this Portal is designed for better collaboration with suppliers by granting them access to view information about their orders and payments in OASIS+, such as open orders and invoice statuses, to submit address or contact changes, to respond to RFQs, or to upload their catalogs into OASIS+ for use by Purchasing.

3. Inventory Control

This module concerns with Set up inventory and expense items and records inventory activity such as receipts of inventory, returns and corrections. OASIS+ Inventory provides the features customer need to summarize costs related to inventory for a



given accounting period and distribute those costs to the general ledger.

4. Inventory Planning

provides a flexible utility to define custom planning formulas for each inventory or the entire organization, automatic replenishment of your inventory by using planning information and creating systematic requests.

5. OASIS+ PDA

Decrease process time at receiving area by using wireless and mobile devices to create GRNs, Transfers and stock-take, Allow delivery to patient using barcode which handles expiry date and lot number to validated expired batches and eliminating human errors by supporting barcode over the whole supply chain process.

6. Fixed Assets

Allow Accurate management and tracking for the hospital fixed assets like property and equipment's, Initiate and follow up the maintenance's schedulers for biomedical and other devices with integrate task management app.

Revenue Cycle Management

Manage all the administrative and clinical functions that contribute on the revenue. OASIS+ RCM is utilizing the medical billing process by tracking the patient care episodes from registration to the final payment, including capture all billing required data, manage revenue related processes, submitting claims and collecting payments.

- 1** Reduce the amount of time between providing a service and receiving payment by seamless integration with OASIS+ HIS modules, such as electronic health record (EHR) and medical billing.
- 2** Save healthcare organizations time by automating duties that were previously handled by employees. These duties include administrative tasks, such as informing patients of upcoming appointments, reminding payers and patients of an existing balance and reaching out to insurers with specific questions when a claim is denied.
- 3** Reduce Rejection by using OASIS+ Custom Rules to validate each claim according and analyze the root of rejection to give the providers insight into why claims have been denied. OASIS+ RCM system can cut down on denied claims by prompting or forcing healthcare employees to enter all the information required for claims processing. This saves them from having to revise or resubmit the claim and gives providers better insight into why certain claims have been denied.
- 4** Provides OASIS+ analytics dashboards to set and monitor revenue goals. The organization can visualize where its revenue cycle has room for improvement by sorting billing data and by producing corresponding reports.



Eligibility Management

Online Verification and validation for patient/insurance demographics and allowance during patient check-in, with option to Inquire Table of Benefits and auto link patients to related policies.



Approval Management

Support Seamless Integration with EMR and payers' online platforms, support performance KPIs and custom work lists for Payers and Orders with.



Clinical Coding

Code mapping for each payer, Standard mapping for external accounts, and support medical standards (ICD-10ACHI, ADA, DRG, GTIN...) with easy-to-use review and verification utility.



Billing and Contract Management

Create, Edit, Copy and Deactivate patient plans/ contracts and support package deal contracts with inclusion or exclusion options. Billing engine with options to apply multiple billing rules and different types of limitations (Quantity, Amount or Duration) on the scope of payer, contract, policy, class, episode, or encounter.



Claim Management

Timely Generated Claims with batch processing option and claim automatic validation, with true task management to fix the claim issues and handle claim denials. Supports Manual Submission with customizable templates or Automatic submission for electronic claims.



Shift Management

With full Integration with Point of Sales, cashiers have Individual Sign on for each one and a complete refund, discount and handover workflow with levels of authorities. The module is integrated with payroll to handle the deficits of shifts.

Human Capital Management

Manage the interviewing and hiring of applicants, track the termination, training, and evaluation of employees, and maintain organizational details, such as the supervisor, position, and department assignment of employees

Define vacation and other time accruals tracked in your organization and how employees can earn time accruals, then set up schedules to show how employees can earn the time accruals at various rates.

Using OASIS+ Payroll Module, user can set up, enter, and maintain employee payroll records and transactions.



1. Personnel

Plan the hospital required human capitals, Track and organize data of your employees, including demographics, documents, training, and career path. Manage vacation balances and capture absenteeism with analysis option. Timesheet management with scheduling utility which supports staff rostering with full integration with biomedical devices like hand punch and fingerprint scanners.



2. Payroll

Keep track of staff expenses and payments across the hospital, with multiple runs of payroll batches, automatically calculate GOSI, Final pay and other benefit transactions however payable or nominal benefits. Fully Integrated with OASIS+ HIS and Finance Management. Trace batches details with drilling down option and supportive reports to review, validate and compare different periods runs.



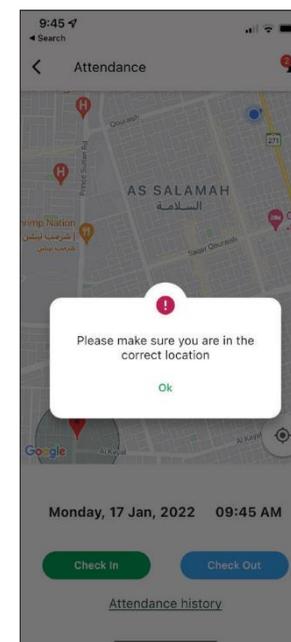
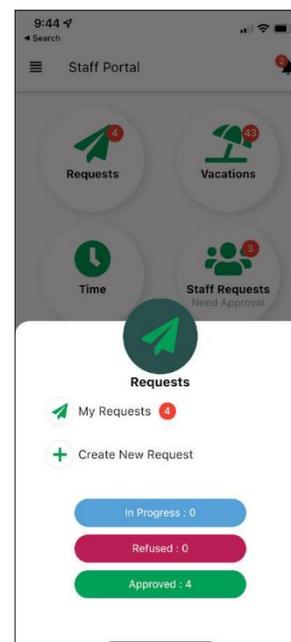
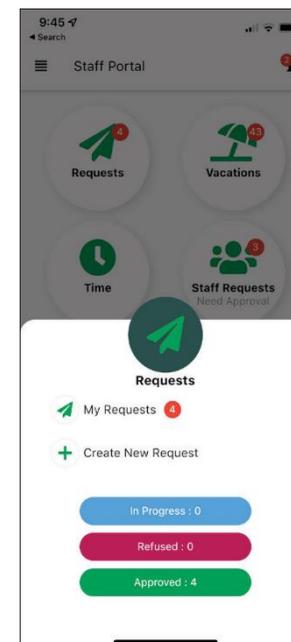
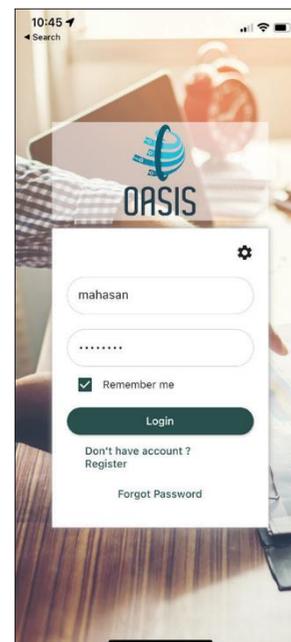
3. HR Self Services

Extend personnel functionalities with a full web-based portal or mobile app which enhances the accessibility for the staff self-services, User defined requests with 15 types of requests out of the box which includes Expense management, Task management, Leave Requisition and Inquiry option for staff records and balances.



4. Staff Appraisal

A complete employee reviews. In other words, by automating the entire performance appraisal cycle and ensuring timely completion. Run the appraisal batches using Competency Evaluation Method or Objectives Appraisal



Financial Management

OASIS+ Financial Management designed to create, connect, store and report many different types of finance transactions, counting money. System includes the tools and processes that manage and govern income, expenses, and assets. OASIS+ provide finance planning and control utilities which include OASIS+ Budgeting, and Costing Analysis modules.

1. General Ledger

- Oasis General Ledger has advanced features that are designed for the healthcare industry. It allows users to create flexible financial models that are easy to use and integrated with all Oasis modules.
- System provides multiple cost centres and multi companies with complete financial analysis. A variety of different journal entries are available including regular, recurring, reversal journal vouchers and year end adjusting entries.
- Dynamic Posting from subsidiaries gives our user full control over the budget and provides an accurate tool for forecasting.
- General Ledger Consolidation meets the needs to groups requiring an advanced tool to consolidate financial statements for multiple entities and supports multiple VAT statements.

2. Accounts Payable

provides the functionality to enter, monitor, maintain and process all hospital invoices, payments, and credit notes, that received from its vendors. Batch processing for Invoices and Payments with detailed trial balance and aging analysis.

3. Accounts Receivable

Track all the invoices awaiting payments from your customers or payers. It has Seamless Integration with OASIS+ Billing and claim management. Support batch processing and aging analysis.

4. Cash Book

Provides information relating to cash flow of the hospital, by processing and analyzing all cash and bank transactions, including payments of supplier's invoices, receipt from sales invoices/claims, ad-hoc payments, and unallocated payment / receipts.

5. Budgeting

Creating budget using system forecast, Plan revenue and cost in different dimensions(Staff, Cost Centers, Account) and define budget baselines to analysis and compare it with actual performance of the hospital.

6. Cost Accounting

Controlling module which enables effective internal cost control and accounting. It is highly integrated with OASIS+ budget and OASIS+ general ledger modules as well as draws input and provides output to control the overhead cost and calculate the cost price for all Activities.



