



## Ward Management (WM)

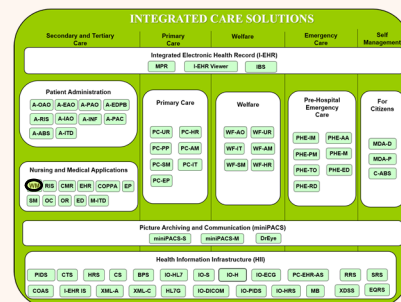
### Overview

The **Ward Management** application supports all the procedures that medical, nursing and administrative staff of a clinic / department handle in their daily routine. Patient management can support patient admission/ transfer/ discharge, hospitalization data logging, nursing accountability, scheduling of appointments and surgeries, ordering, recording of medical acts, etc. Ward management can also be supported as a whole, e.g., for bed management, drug and exam orders status, etc. The application supports diagnosis-related groups (DRGs) for case classification.

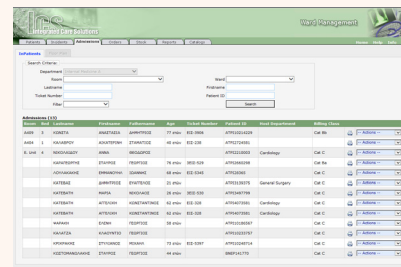
The **Ward Management** application belongs to the nursing and medical applications family (ICS-M) of FORTH-ICS' Integrated Care Solutions suite. It is based upon an open, scalable and evolvable architecture that integrates distributed information and knowledge in a flexible manner, focusing on the timely and effective delivery of the appropriate information to all authorized users. Being the outcome of applied research, it encompasses both state of the art trends and real-world requirements for effective use.

The main characteristics of the **Ward Management** application are:

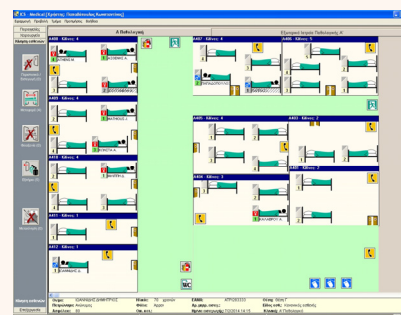
- It is fully configurable and adaptable to any hospital's workflows using intuitive user-friendly interfaces.
- It is a subsystem of an integrated solution. It can be installed either as stand-alone system or in combination with other ICS or 3<sup>rd</sup> party applications.
- It supports automation of business processes both within and between healthcare facilities.
- It can electronically interface with eGovernment services, 3<sup>rd</sup> party applications and open devices. All interfaces are based on standards such as HL7, FHIR, DICOM, XML, and web services.
- It is customizable and scalable according to the needs of each institution.
- It supports role based access control.



**WM is Part of the**  
*Integrated Care Solutions (ICS)*  
*Software Suite Covering the Areas of*  
*Primary Care, Secondary and Tertiary Care,*  
*Emergency Care, Welfare and Citizen self-*  
*management*



List of Patient Admissions in a Clinic



Typical Floor Plan in a Clinic

### Target Domains

The application is suitable for the clinics/ wards in healthcare facilities.

## Description

### Main Functionalities

The supported functionalities of the **Ward Management** application include: online creation of patient admission with auto-update from the patient admissions office, staff accountability, online ordering of examinations, diets, drugs and materials, scheduling of services, creation of patient discharge notes, international classification of diseases (e.g., ICD-10) etc.

The application communicates with information systems for:

- Pharmacy Materials Management and Nutrition department for ordering of drugs / medical supplies / diets.
- RIS/ LIS for ordering / order cancellation of examinations and viewing results.
- Business Intelligence / MIS for the electronic transmission of data for statistical analyses.
- ePrescription and other eGovernment services.

### State-of-the-art Technology

The **Ward Management** is a robust and reliable application, compatible with major database management systems and with the latest versions of all popular web browsers.



*FORTH-ICS products and services have been certified according to the requirements set by ISO 9001:2008 and ISO 27001:2013*



*EuroREC EHR Quality Seal Level 2*

## Additional Information

The ICS suite follows high quality international trends regarding both the structure of the Electronic Health Record (EHR), as well as integration with third party systems through the use of internationally acclaimed standards and protocols (like HL7, DICOM, etc.). This system is deployed in more than 20 Hospitals in Greece since 2001. The Nursing and Medical Applications (ICS-M) family of ICS is certified with the Seal of Quality Electronic Health Record (EHR) Level 2 by the European Institute for Health Records EuroRec. The testing took place in 2011 and proved compliance with all 50 Seal-2 criteria.

Other products of the nursing and medical applications family (ICS-M) of ICS include applications for Supply Management (SM), Outpatient Clinic (OC), Emergency Department (ED), Radiology Information System (RIS), Operating Rooms Management (OR), Computerized Medical Record (CMR), Electronic Health Record for medical specialties: e.g. Pathology, Cardiology, Pediatrics, Orthopedics, Intensive Care Unit (EHR), Collaboration Platform for Pathology (COPPA), Electronic Prescription (EP) and Hospital IT Department (M-ITD).



**CeHA web site**

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