



Nursing and Medical Applications (ICS – M)

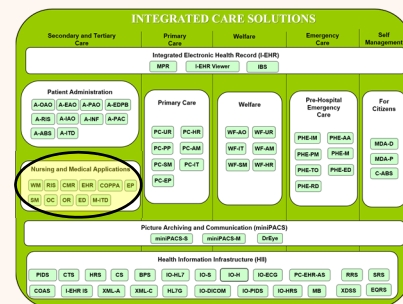
Overview

Nursing and Medical Applications (ICS – M) support EHR management for nursing and medical personnel in the context of a healthcare organization environment. They support the management of medical ordering for materials, internal and external services, therapies and medical acts. They are also ideal for assisting nursing and medical personnel in their daily duties (clinical documentation). Bed management, surgery and operating rooms management are also supported. Specialized EHRs for pathology, cardiology, pediatrics, orthopedics, intensive care unit, oncology, etc. are included as well.

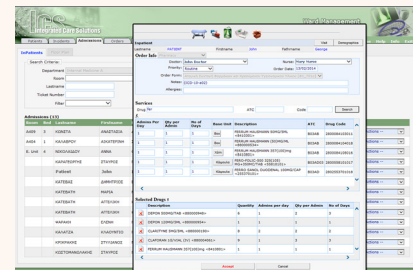
Nursing and Medical Applications constitute the nursing and medical applications family (ICS – M) of FORTH-ICS' Integrated Care Solutions suite. They are based upon an open, scalable and evolvable architecture that integrates distributed information and knowledge in a flexible manner, focusing on the timely and effective delivery of the appropriate information to all authorized users. Being the outcome of applied research, they encompass both state of the art trends and real-world requirements for effective use.

The main characteristics of the **Nursing and Medical Applications** are

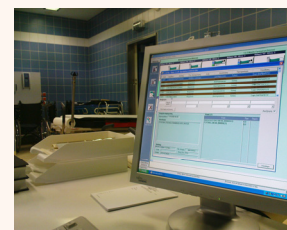
- They are fully configurable and adaptable to any hospital's workflows using intuitive user-friendly interfaces.
- They are subsystems of an integrated solution. They can be installed either as stand-alone systems or in combination with other ICS or 3rd party applications.
- They support automation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



ICS-M 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



ePrescription within a Hospital Environment



Ward Management Application in use inside an Intensive Care Unit

Target Domains

ICS – M is suitable for care provision departments in healthcare facilities (e.g., hospital clinics).

Description

The Nursing and Medical Applications family of ICS products have been designed for health care professionals who require the use of software within a medical context.

Nursing and Medical Applications include the following:

- Ward Management (WM), Supply Management (SM)
- Outpatient Clinic (OC), Emergency Department (ED)
- Radiology Information System (RIS)
- Operating Rooms Management (OR)
- Computerized Medical Record (CMR)
- Electronic Health Record (EHR)
- Hospital IT Department (M-ITD)
- Collaboration Platform for Pathology (COPPA)
- Electronic Prescription (EP)

Nursing and Medical Applications support standards based electronic communication with 3rd party 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.



ICS Installations in Greece since 2005



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 software suite **Integrated Care Solutions (ICS)** is a series of IT software, centered around the electronic health record, to support patient administration (ICS – A), pre-hospital emergency care (ICS – E), health information infrastructure (ICS – H), the integrated electronic health record (ICS – I), **nursing and medical applications (ICS – M)**, primary health care (ICS – P), citizen self-management (ICS-C), IT support (ICS – S), welfare (ICS – W), and picture archiving and communication (ICS – X). 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 has been deployed in more than 25 Hospitals in Greece since 1999.



CeHA web site

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