



## Inpatient Admissions Office (A-IAO)

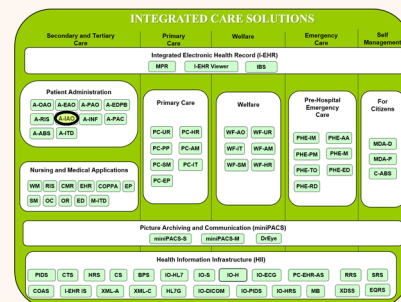
### Overview

The **Inpatient Admissions Office** application supports all the business processes related to inpatient admissions in a healthcare facility. It follows the progress of the internal patient at all stages of hospitalization, from admission to discharge. It includes all relevant functionalities for patient hospitalization invoicing, related to pricing and billing for accommodation, and the provision of medical acts, medicines, materials, etc. The application supports diagnosis-related groups (DRGs) for case classification.

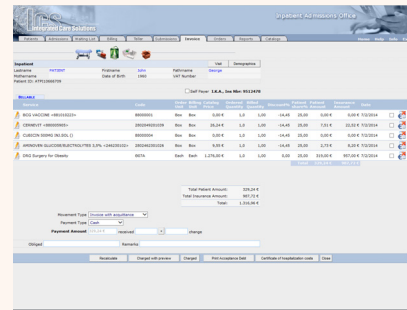
The **Inpatient Admissions Office** application belongs to the patient administration family (ICS-A) of FORTH-ICS' Integrated Care Solutions suite. It is based upon an open, scalable and evolvable architecture that integrates distributed information and knowledge in a flexible manner, focusing on the 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 **Inpatient Admissions Office** 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.



*A-IAO 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*



*Patient Invoice for Hospitalization*



*Patient Hospitalization Support*

### Target Domains

The application is suitable for the inpatient admissions office of hospitals.

## Description

### Main Functionalities

The supported functionalities of the **Inpatient Admissions Office** application include: management of patient records, encounter management, management of waiting lists and planning of admissions, management of admission, discharge, transfer (ADT) for inpatients, billing / charging of patients, cashier management, management of submissions (for inpatients).

The application communicates with information systems for:

- Accounting, Materials Management, Pharmacy, Radiology, Laboratory, etc. for electronic transmission of patient and encounter data (e.g., invoices and cash movements, orders, etc.) and for updating lists of services.
- Laboratory IS (LIS) for ordering / order cancellation and business intelligence / MIS for the electronic transmission of data for statistical analyses.
- Communication with 3<sup>rd</sup> parties (e.g. insurance organizations or eGovernment services) in line with current legislation.

### State-of-the-art Technology

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



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

## 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 communication standards and protocols (like HL7, DICOM, etc.). This system has been deployed in more than 20 Hospitals in Greece since 2001.

Other products of the patient administration family (ICS-A) of ICS include applications for the Outpatient Clinic Admissions Office (A-OAO), the Emergency Department Admissions Office (A-EAO), the Outpatient Pharmacy Admissions Office (A-PAO), the Radiology Information System (A-RIS), the Information Office (A-INF), the Patient Accounting Office (A-PAC), the Appointment Booking System (A-ABS), the Emergency Department Patient Book (A-EDPB) and the Hospital IT Department (A-ITD).



CeHA web site

Contact details: **Dimitrios G. Katehakis**  
[katehaki@ics.forth.gr](mailto:katehaki@ics.forth.gr)