



INTEGRATED SOLUTION PLATFORM SPECIFIC TO HOSPITALS FROM INNOVA



HICAMP (Health Integrated Campus) is an advanced, integrated solution platform that has an impact on all processes and has a role in the safe and uninterrupted operation of integrated health facilities, which involve various complex services.

With HICAMP, all administrative and clinical service integration processes from cleaning to waste management, from intensive care units to security, are managed with ease.

Innova, which has an active role in the digital transformation of many companies in different industries, delivers its software-based and information technology integration efforts with specific solutions for hospitals.







www.innova.com.tr
www.hicamp.com.tr

HICAMP Solution Platform

End-to-end turnkey solutions and services are offered to hospitals with HICAMP. Innova provides with the support services during the project design stage of hospitals and during the installation.

HiCAMP solution components & scope is illustrated below in layers.

SERVICES	<ul style="list-style-type: none"> • Project Design and Installation • Operation 	<ul style="list-style-type: none"> • Data Entry Staff • HIMS App, Trainings 	<ul style="list-style-type: none"> • IT Help Desk • Consumables 	<ul style="list-style-type: none"> • System Monitoring • HIMS Software Development
PERIPHERALS				
APPLICATIONS	<ul style="list-style-type: none"> • HIMS • LIS • Business Intelligence 	<ul style="list-style-type: none"> • PACS • Clinical Decision Support • Call Center 	<ul style="list-style-type: none"> • Central Integration (ESB) • Monitoring Systems • Asset Management System 	<ul style="list-style-type: none"> • Portal • Mobile Applications • Intensive Care
SYSTEM HARDWARE AND SECURITY INFRASTRUCTURE	<ul style="list-style-type: none"> • Active Network Infrastructure • Security Infrastructure 	<ul style="list-style-type: none"> • Server Infrastructure • Virtualization Infrastructure 	<ul style="list-style-type: none"> • Data Storage System • Switchboard System 	<ul style="list-style-type: none"> • Backup Infrastructure • RF - ID Infrastructure
DATA CENTER	<ul style="list-style-type: none"> • Data Center Construction • Electrical Infrastructure 	<ul style="list-style-type: none"> • Data Center Design • UPS 	<ul style="list-style-type: none"> • Fire Prevention System • Cabinets 	<ul style="list-style-type: none"> • Copoling Infrastructure • Cabling

Resource Planning, Information Technology Capacity Planning and Process Design services necessary for provision of information technology services that are required by hospitals are provided by the subject matter expert Innova resources..

HICAMP offers solutions and services that meet end-to-end Information Technology Infrastructure requirements of hospitals.

The Differentiators of HICAMP Solution Platform



Solution platform solely designed for hospitals



Enhanced content and service scope



Patient Focused Patient safety Quality



Patient centric approach



Differentiation with integrated approach from conventional Innovation

HICAMP has been designed with Innova's experience in digital transformation solutions in many industries.

Hospital Information Management System: HICAMP HIMS

HICAMP HIMS is a software platform where all sub-modules and components of all clinical and non-clinical services are integrated to each other. HICAMP HIMS is developed to offer a whole brand new experience to users by differing from the traditional HIMS approach. HICAMP HIMS offers many different modules including both clinical and administrative modules.



Clinical Services

- Outpatient
- Inpatient
- Nurse Management System
- Order Operations
- Emergency Management
- Health Council
- Blood Bank
- Tele Medicine
- Mortuary
- Genetics
- Oral and dental health
- Dietetics & Nutrition



Clinical Support Systems

- Laboratory
- Radiology
- Clinical DSS
- Sterilization
- Radiotherapy
- Hemodialysis
- Pharmacy
- Oncology And Chemotherapy
- Intensive care
- Operating room
- Pathology
- Nuclear medicine



Administrative Services

- Medical Records
- Inventory Management
- Patient Registration
- Decision Support
- Business Intelligence
- Appointment
- CRM
- Statistics and Reporting



Other Support Services

- Patient Portal
- Education
- Monitoring Systems
- Integration
- Direction and Location
- Middle Layer
- Helpdesk
- Internal Hospital Communication
- IoT Applications
- Clinical Engineering



Financial Services

- Invoice
- Insurance
- Claimer
- Collections Management
- Receivables Management
- Legal Department
- Contracts
- Doctor Payments



ERP Applications

- Accounting
- Budget
- Cost Accounting
- Procurement
- Inventory
- Human Resources



Specialized Software

- Intensive Care
- Oncology
- Operating Room
- Pathology
- Chemotherapy

- **Advanced Architecture:** With 100% web-based hospital information management system, HICAMP HIMS offers a user-friendly platform with a strong infrastructure. HICAMP HIMS is accessible via web browser without requiring a specific download and installation of particular software on users' PCs.
- **Scalability:** Thanks to its scalable and flexible structure, HICAMP HIMS can be easily adapted to hospitals of different sizes.
- **Advanced Orchestration:** HICAMP ensures that services offered by different entities are integrated to the system and operate in harmony with the system via a third-party middleware.
- **Sustainable and Uninterrupted Service:** The architectural structure of the solution ensures the business continuity.
- **User Friendly, Customizable Interfaces:** HICAMP screens can be customized according to related departments' and users' requests.
- **Mobile Application Infrastructure:** Access to information is available at any point with the mobile solutions offered within HICAMP.
- **Logging and Recording:** HICAMP records all data traffic, time, and request for interaction of the systems with other systems.
- **Warning and Alarm Mechanisms:** HICAMP generates fast and automatic notifications of failures and defects that may occur in routine processes.

Laboratory Information System: HICAMP LAB

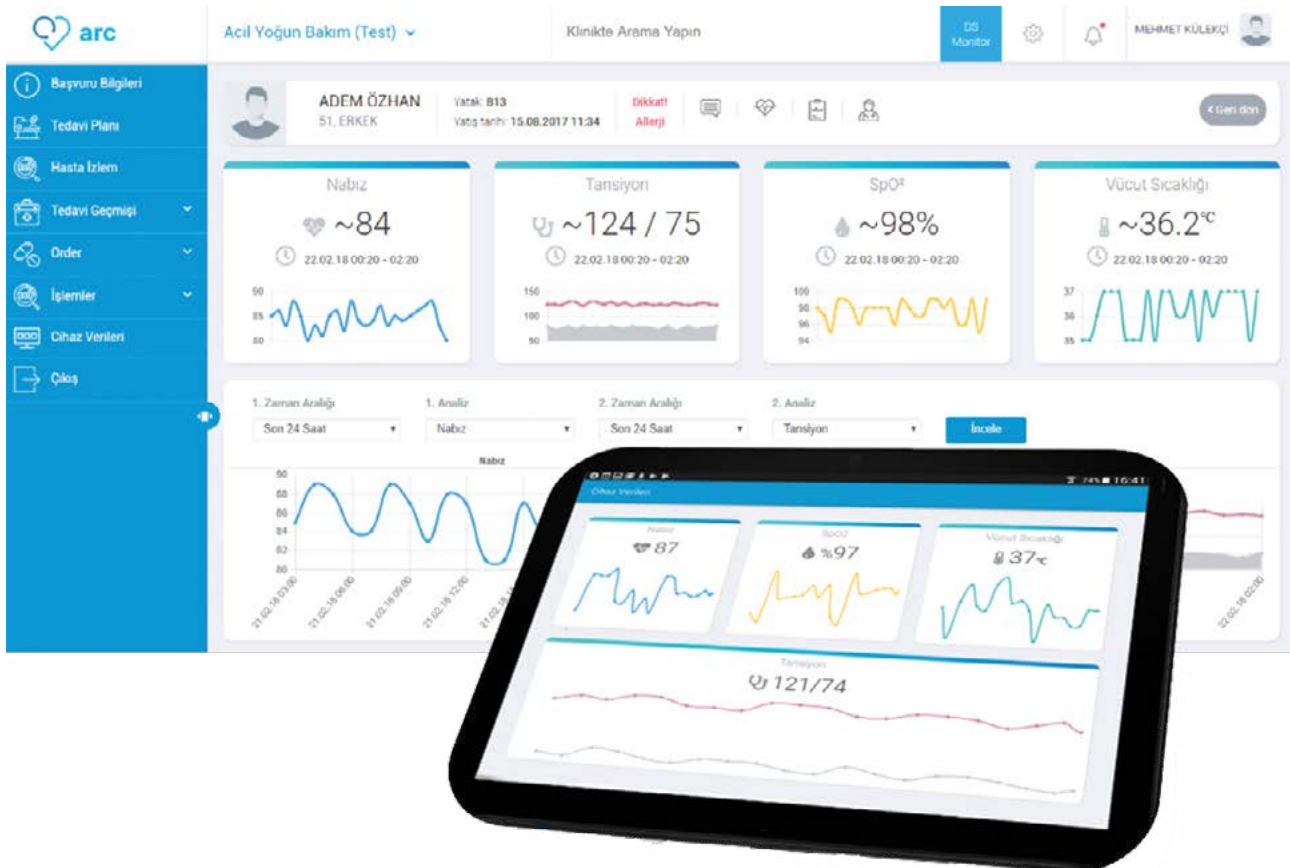
Laboratories, which are crucial on the path to accurate diagnosis can be easily managed with HICAMP LAB. The strong integration ability of HICAMP ensures rapid and trouble-free transfer of laboratory test requests and results. Data is protected in accordance with the highest information security standards. The status of laboratory test results can be checked using self-service kiosk terminals located in the hospital.

In addition, HICAMP LAB has a system that prevents laboratory results being delivered to wrong individuals. The authorizations of different users can be controlled with the HICAMP LAB.



Intensive Care Information System: HICAMP ARC

The Web-based intensive care information system developed by Innova, HICAMP Arc provides with monitoring of intensive care services through a single interface. The system can be used at every point of the hospital or outside thanks to mobile devices, and is fully integrated with HIMS, LIS, PACS and intensive care devices, allowing data collection at every minute and instant monitoring of the patient. It ensures maximum efficiency in intensive care processes by scaling, scoring and decision support systems.



Interactive Health Kiosks

Innova, having developed and manufactured industry specific “Health Kiosks”, a first to market in Turkey, offers patients with an easy to use digital self-service experience for appointment arrangements, appointment check-ins, lab test results checking, and help them complete their hospital admission process easily and accurately. . Thanks to its adjustable display, kiosks can serve for disabled citizens in an easy way. The patients may also check whether the results of the laboratory tests are ready, after the medical examination by their doctor, from the kiosks and may opt-in to have a print out of the test results. Health Kiosks also offer services such as Wayfinding , delivering suggestions/complaints/feedback form from patients.

DISABLED ACCESSIBLE KIOSK



Wayfinding Application

The Wayfinding Application offered to hospitals by HICAMP offers improved experience to both patients and visitors. The wayfinding application enables patients to reach their destination easily and quickly, especially at complex healthcare facilities spreading over tens of thousands of square meters. Along with the operational efficiency created by minimizing the patients’ need to consult hospital staff to find the right directions, planning efficiency increases by reducing the possibility of patients being late for their appointments.

With its infrastructure offering dynamic improvements for developing technology, changing processes, new legislation and integrations and human resources, Innova offers a brand new approach to healthcare projects.



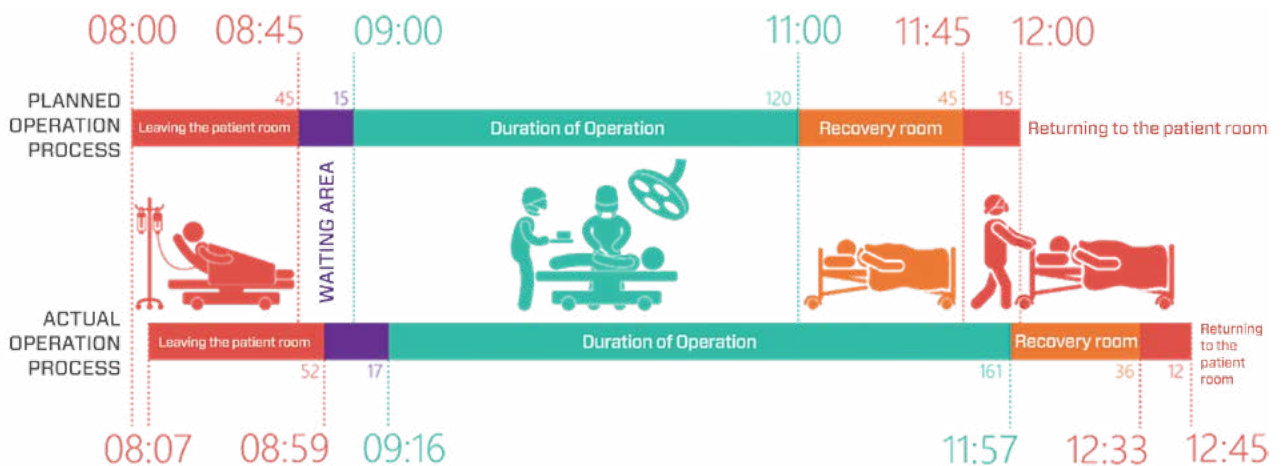
Business Intelligence

HICAMP includes business intelligence functions and features that responds quickly and effectively to the demands of healthcare executives. The BI converts data created in HICAMP HIMS into meaningful information and reports using various ready to use report formats supported by graphics and visuals. The business intelligence solution displays various output from laboratory results to number of patients, from operating room and bed counts to outpatient clinics, from invoices to call center data on healthcare executives' screens.



RFID Technology - Real Time Patient Monitoring

Integrated with HICAMP, RFID technology offers great advantages especially in the management of operating rooms traffic. The whole process from the patients' being taken from their rooms and guided to the relevant operating room, and their return to their rooms after the surgery, are monitored with the help of RFID technology. As a result, both the patients enter the right operating room and also the relatives and kin of the patients can access real-time information regarding the surgery from information screens. Medical equipment and devices can also be tracked within the facility thanks to RFID technology, by marking them on 2D and/or 3D sketches of the hospital. Thus, such medical equipment and resources are managed effectively.



POWER OF OUR REFERENCES

Innova's integrated solution platform specialized for hospitals, HICAMP, is currently deployed in two of the most important municipal hospital projects in Turkey. The positive outcome of these projects prove the added value HICAMP provides to the health sector.

Ankara City Hospital



The largest hospital built in a single complex, Ankara City Hospital, with a capacity of 3,804 beds, can provide healthcare services to 35,000 patients per day, established on an area of 1.3 million square meters. As a result of process work carried out with the Ministry of Health and all service providers, HICAMP is customized according to the project in order to provide the highest quality service to the patients, to facilitate the work processes of healthcare employees and to ensure that hospital administration carry out the administrative processes much better with its central structure.

Ankara City Hospital will become an important center not only for Turkey but also for health tourism with the opportunities it has and it aims to fulfill the requirements of the digital age to the highest level possible with its strong technological infrastructure and with its patient-focused high quality service approach.



Mersin City Medical Academy & Research Hospital

Defined as the "Digital Hospital of Turkey", Mersin City Medical Academy & Research Hospital is the city hospital with HIMSS Level 6 certificates in Turkey. Established on 374 thousand m2, the hospital has 1,304 beds and serves with a daily capacity of 12,000 outpatients.

Innova brought together all software required for the Mersin City Medical Academy & Research Hospital to operate efficiently by commissioning the HICAMP platform. The foundation of a data center required for the employment of the HICAMP software platform and integration of all hardware, network and other IT infrastructure components were carried out with Innova's expertise. Increasing service quality for patients and patient satisfaction with services such as Wayfinding, the hospital also saves on operating costs thanks to the continuous and uninterrupted processes.

Why innova for health?

- Financial Power
- Sustainability
- End-to-End Enterprise Solutions Provider
- System Integration Capabilities
- Subject Matter Expert Resources
- Deep industry Knowhow
- Experience in Public-Private Partnership Projects
- Expertise at healthcare services related processes and requirements
- R&D Power
- Customer-Focused Approach
- Innovative and Quality Oriented Vision
- Experience in Information Security

innova is here to offer customized, complete solutions to you.



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