

Future is Now Yours...



Digital and Paperless Hospital Solutions with
Health IT Experience over a Quarter Century



SisOpacs



SisOfamily



SisOmobile



SisOedms



SisOguard



SisOpmi



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Hospital Information System

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Future is Now Yours...

Sisoft Healthcare Information Systems, focusing its eye on the world, is **an achievement of quarter century of an effort** in healthcare IT domain with **advanced technology infrastructure and qualified staff**. Sisoft, having over 100 large-scaled hospitals in **Turkey, Cyprus** and **Azerbaijan** owes a debt of gratitude to its deep-rooted structure and experience in **Healthcare IT** sector.

Believing that development can only be achieved by innovation, Sisoft has two separate **R&D** Departments as software and hardware located in **METU-Metutech**. Proving its innovation and creativity abilities with **8 different awards** at both national and international level in the last year, Sisoft has been developing all kinds of software and hardware products that meet the needs of healthcare institutions by using its own resources.

It is aiming to carry out its regional success to international platform with its New York Sisoft Healthcare Information Systems. While providing solution to **US, Canada** and **South America** with the **New York** Branch, the Turkey Operation will keep providing service to the existing clients in **Europe, Africa** and **Asia**. Leading the Heath Sector as a leader, Sisoft is also the first and only company to implement **Digital and Paperless Hospital** concept in Turkey.

Having standards such as **ISO, CE, IHE, HL7**, Sisoft is developing software in accordance with the **Common Criteria** and **SPICE** guidelines. With the concept of “**People Above All**”, Sisoft is at service of all healthcare institutions with the target of being a **world brand** at the international arena.



"The user
is the person,
who knows what
she/he want,
when the product
presented"



Digital and Paperless Hospital

- ✓ Developed with **Java, Web-Based**, 3 Layered, Service-Oriented
- ✓ Developed with Ajax, RIA, SOA Concepts
- ✓ Operating System Independence (Windows, Mac, Unix, Linux, Solaris)
- ✓ Hardware Architecture Independence (x86, x64, RISC, Sparc)
- ✓ Internet Browser Independence (Mozilla Firefox, Internet Explorer, Google Chrome, Safari, Opera, Yandex)
- ✓ **Multi Language Support** (English, Spanish, Turkish, French, Azeri, Arabic, Russian)
- ✓ Smart Drag & Drop Feature
- ✓ Operation with SSL
- ✓ Utilization of **Electronic Signature** and **Mobile Confirmation** Code
- ✓ Easy-to-use, Visual Interface
- ✓ Automatic Operations with Scheduled Tasks (Collective Invoice, Health-Net, SMS, Statistic Delivery)
- ✓ Dynamic Workload Balancing
- ✓ Developed with Support of **TÜBİTAK** (Scientific and Technological Research Council of Turkey) **National R&D**
- ✓ Integrated with All Other **Sisoft** Modules



SisOhis

Hospital Information System

"There is a solution to any problem by using the mind and logic."

SisOris

Radiology Information System



- ✓ Integrated Operation with Patient Examination, Review, Report, Statistics
- ✓ Request Record, Patient Medical Information Picturing & Reporting, Radiology Report Prep.
- ✓ Appointment Planning, Making Appointment and Doctor Assignment
- ✓ Access to **PACS** Images
- ✓ Auto-Update of **Report Status Information**
- ✓ Ability to Make Appointment at Device Level
- ✓ **HL7 Communication Infrastructure** with Different Health Information Systems
- ✓ Integrated with All Other **Sisoft** Modules

SisOlis

Laboratory Information System



- ✓ Over 400 Laboratory Device Integration
- ✓ The First and **Only Device Connection Over Web** in Turkey
- ✓ Statistics and Reports with Rich Query Criteria
- ✓ Ability to Record Patient/Doctor Interviews with Medical Voice Recording System
- ✓ **SMS Notification** in case of Material Rejection
- ✓ Ability to Track Examinations by **Barcode System**
- ✓ Web Interface and Web Service Integration in Family Practice Analysis Request
- ✓ Integrated with All Other **Sisoft** Modules

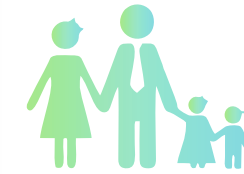
"Nobody can climb the success ladder without hard work and dedication!"

Nationally and Internationally Awarded 3D PACS Through Virtual Reality



- ✓ Conformity with International Standards (**IHE, CE, DICOM**)
- ✓ HL7 Integration Module
- ✓ Advanced **3D Picturing** and Radiology Work Station at Same Core Structure
- ✓ Web-Based Server Management and Picturing Through **Web Browser**
- ✓ Access to Picture with **Mobile Devices** regardless of Location and Time
- ✓ Access to and Management of Different Picturing Units from Single Center
- ✓ Storing, Reading and Distributing of Medical Pictures in Electronic Media
- ✓ Improvement of Clinical Decisions, Reducing the Rate of Medical Mistakes
- ✓ Picture Tracking on Sagittal, Coronal and Axial Plan
- ✓ Parallel and Perspective (**Fly Through**) Volume Rendering Support
- ✓ Ready Incision Samples and Color Templates for Modality and Organs
- ✓ Freehand Incision Support and **Point Segmentation**
- ✓ Integrated Operation with All Other **Sisoft** Modules





The First and Only Web Based Family Practice Information System

- ✓ **Cloud Computing** with Our Server in Data Center of Ministry of Health
- ✓ Performing All Physician Operations By Means of Mobile Devices
- ✓ Full Integration with **Google maps** and GPS System
- ✓ Online Appointment, Examination and **Audial Data Input**
- ✓ Pregnancy Monitoring, Baby Monitoring, Vaccination Operations
- ✓ Integrated Data Matrix Recognition, Instant **Vaccination, Stock Tracking**
- ✓ **SMS** Integration
- ✓ No Need for **Backup, Maintenance** and **Update** Anymore
- ✓ Smart Data Inputs for Prescription, Examination and Intervention
- ✓ Rapid and Visual Tracking of Physical Problems over Body Pictures
- ✓ **Smart TV Application** for Individuals and Online Communication with Physicians
- ✓ Integrated Operation with Home Care Services
- ✓ Integrated Operation with All Other **Sisoft** Modules



"Success is
a natural
result of
quality"



Respect for Nature and Human

- ✓ Operation System with **Java** and **Web Technologies**, Database, Web Browser Independence
- ✓ Turkish Standards Institute **TS 13298** Certified
- ✓ Access at Anytime/Anywhere by **Mobile Device** Native Applications
- ✓ Environmentally Friendly by Having Documents in Electronic Media
- ✓ Adjustable According to Institutional Needs
- ✓ Easy Document Record by OCR/ICR Support
- ✓ **e-Signature** Operations Compliant with ETSI PAdES-LTV and **TÜBİTAK** (Sci. & Tech. Res. Coun. of Turkey)
- ✓ Highly Secure Document Keeping Architecture
- ✓ Multiple Document Scanning with Internal Document Scanner
- ✓ **Visual Interfaces** Compliant With Institution File Classification and Keeping Plans and Work Flows
- ✓ **No Paper Use**, Auto Acceptance of Incoming Fax and Mails and Integrated Fax Sending
- ✓ Integrated Operation with All Other **Sisoft** Products





Access to Information Anytime / Anywhere

- ✓ Mobile Applications with **iPhone, iPad** and **Android Tablets**
- ✓ Access without Device and Operation System Concern
- ✓ **Mobile Tracking** of Patients and Documents
- ✓ Order Input from Any Media by Mobile Applications
- ✓ Access to Radiology Pictures and Laboratory Results
- ✓ Access to Patient Body Pictures Taken by Nurse
- ✓ **Video Call** by Mobile Devices
- ✓ Examination and Consultation Request
- ✓ Mobile Signature and e-Signature Supported Security in **Family Practice, HIS** and **EDMS**
- ✓ **PACS** Integration, Access to Patient Pictures
- ✓ **Google Maps** Integration, Direction Description
- ✓ Business Solutions for Institutions
- ✓ Integrated with All Other **Sisomobile** Modules



“Secret of
Success
is, controlling
the underlying
subject”

Fun for Patients, Application for Physicians



- ✓ Control of **Room Functions** (Light, Curtain, Bed, etc..) for Patient
- ✓ **Entertainment Functions** (TV, Internet, Video, Music, Social Network Sites, Games) for Patient
- ✓ Bedside **Functional Solutions** with Integrated **Face Recognition System** for Physician and Nurses
- ✓ Mobile Tracking of All Forms But Patient's Approval Form
- ✓ **e-Signature** Support
- ✓ Bedside Order Record
- ✓ Access to Examination and Radiology Pictures
- ✓ Vital Finding Input, **Bedside Record** of ATN and Liquid Measurements
- ✓ Secure Blood Transfusion, Cross by Barcode Reading, Blood Type and Expiration Date Check
- ✓ **Bedside** Record of Patient Therapies as Nurse Working List
- ✓ Tracking of Preoperative, Operation Process and Postoperative Therapies and Nursing Operations
- ✓ Nurse Call Integration, **Audial Command** and **Video Call**
- ✓ Integrated with All Other **Sisoft** Modules





Located in System Rooms and Everywhere Requiring High Level Security

- ✓ Ability to Link Detector Thanks to **Flexible Configuration** (Motion, Gas, Flood, etc...)
- ✓ Monitoring the Spatial Variables such as Moisture, Heat, Lighting Levels
- ✓ Secure Control of System Rooms and Vaccination Cabinets with **Sisotemp**
- ✓ Updatable and Scalable Hardware
- ✓ Auto-Active Alarm System
- ✓ Various Notification and Warning System, **SMS, Siren, e-Mail**
- ✓ Integrated Operation with **RFID** Systems
- ✓ **Web-Based** Internal Software and Hardware Storage
- ✓ IP Camera Integration
- ✓ Multiple Operation Mode
- ✓ SNMP Module Support
- ✓ Real Time Control
- ✓ Integrated with All Other **Sisoft** Modules

