

INNOVATIVE HEALTHCARE SOLUTIONS

RAD-X PACS

National Telemedicine System

MED-X Radiology Information System

VISION-X Endoscopy Application

Breast Information System

simplex

Information Technologies Inc.



About Simplex

Simplex is the leading Company in Türkiye in the medical imaging domain. With over 25 highly skilled engineers and existence in the Middle East, Europe, and Central Asia, Simplex has been constantly growing since its establishment in 2016. We aim to serve our customers with state-of-the-art tailored solutions to maximize their efficiency and reduce costs.

Key Projects

Turkish MOH National Telemedicine System: Since 2016, Simplex has been developing the National Telemedicine System (NTS) for the Turkish Ministry of Health. This system interconnects with 2,400+ public and private hospitals, integrating 96 different HIS and 46 different PACS/RIS systems. It enables patients and doctors to access radiological exams and reports through a unified platform. As a result, the Ministry of Health has achieved an annual cost saving of approximately 100 million USD.

Istanbul Health Directorate Imaging Repository: Within the scope of this project, PACS and RIS services are provided to 60% of the public hospitals in Istanbul, serving over 10M patients. All the hospitals are interconnected through a state-of-the-art XDS-I repository, allowing data and task sharing across the enterprise.

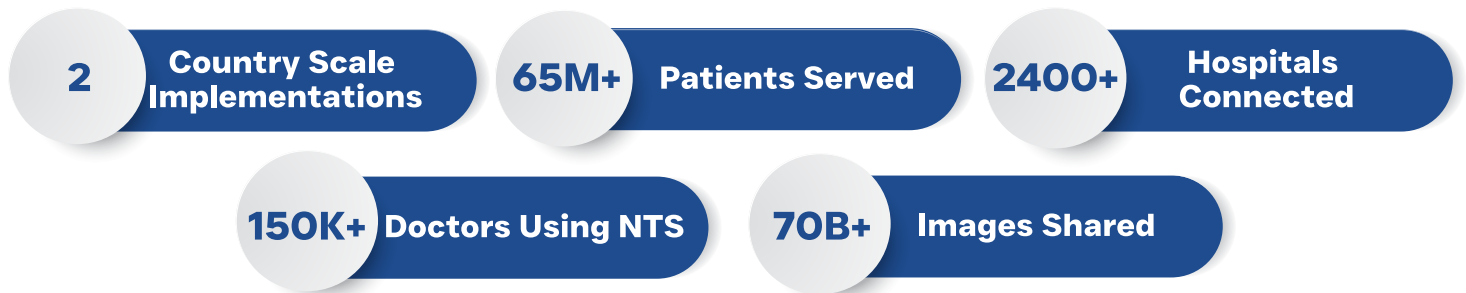
Etlik City Hospital PACS, RIS, VNA: With over 3600 beds, 1200 imaging equipment, t and BOK exams performed on a daily basis, Etlik City Hospital is Europe's largest hospital utilizing RAD-X enterprise solutions.



Products & Solutions

National Telemedicine System (NTS)

> National Telemedicine System is a central repository that enables data sharing across multi-vendor HIS, PACS, and RIS systems at country scale.



Main Features

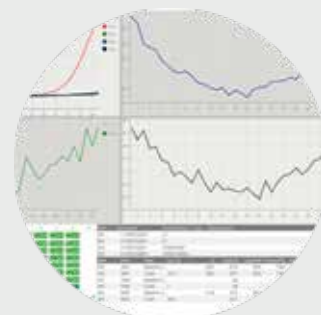
- > Enables patients to access their medical images and reports online anytime, anywhere.
- > Allows radiologists to generate reports and seek or provide second opinions via teleconsultation.
- > Enables specialists to perform quality control of medical images and reports.
- > Reduces redundant imaging exams.
- > Grants physicians' access to patients' historical data, enhancing treatment consistency.
- > Enhances the overall quality of patient care.

Products & Solutions

MED-X

Radiology Information System (RIS)

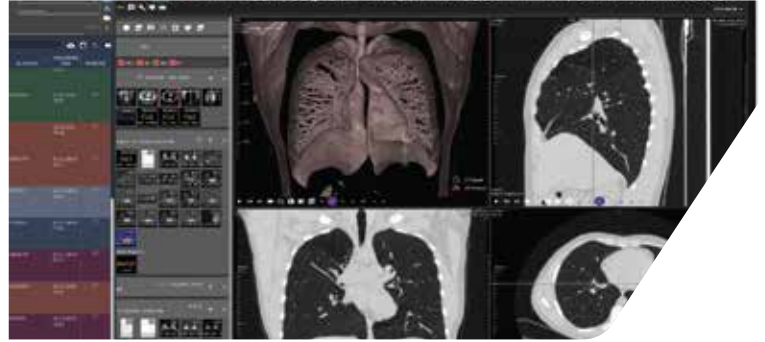
- > Smart Scheduling
- > Real-Time Imaging Workflow Management
- > Integration with Electronic Health Records (EHR)
- > Integrated Patient History Access
- > Seamless Integration with Multidisciplinary Team Collaboration
- > Telemedicine Integration
- > Predictive Analytics for Patient Flow
- > Data Visualization of Vital Signs
- > Seamless Integration with PACS
- > Automated Reporting
- > Comprehensive Patient Monitoring
- > Advanced Data Analytics
- > Cross-Department Data Sharing



Products & Solutions

RAD-X Enterprise

- > Picture Archiving and Communication System (PACS)
- > Teleradiology, Telepathology and Teleconsultation
- > Integrated Radiology Information System (RIS)
- > Vendor Neutral Archive (VNA)
- > Digital Pathology Archiving System
- > Web-based radiology, pathology, document imaging and post-processing application
- > Cross-Enterprise Repository
- > Business Intelligence Module



1500+

Radiologists
Using RAD-X

50M+

Exams Stored

30M+

Reports Created

10M+

Patients

140+

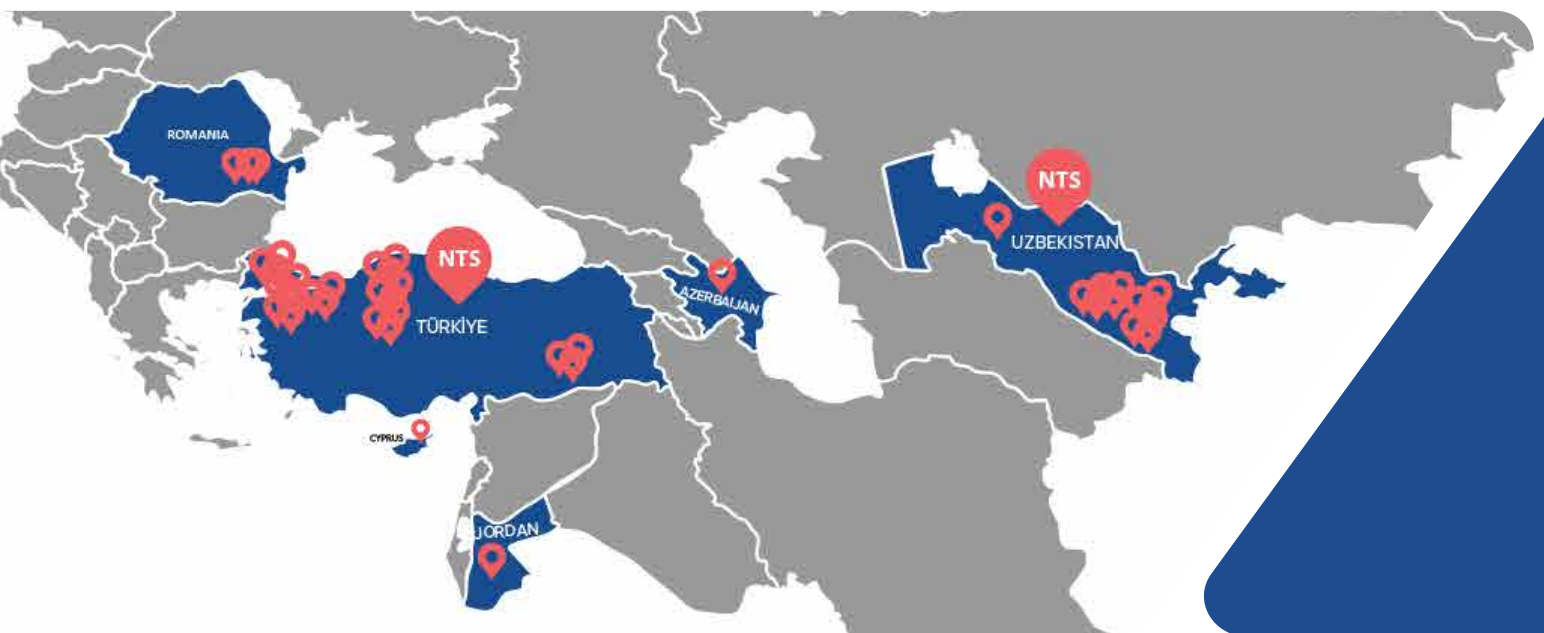
Installations

6

XDS
Implementations

Main Features

- > RAD-X provides users with the functionality of workstations in a zero-footprint web-based application.
- > With RAD-X, all tasks—from scheduling to reporting—can be performed within a single web application.
- > Patients' images and documents from multiple centers can be viewed side by side for comprehensive analysis.



Products & Solutions

Breast Information System (BIS)

- > Customizable workflows for screening, diagnostic and opportunistic exams
- > Fully integrated AI-powered mammography analysis.
- > IHE-compliant diagnostic viewer.
- > Advanced hanging protocols
- > Multi-modality support
- > Structured reporting
- > Teaching folders
- > Zero footprint
- > Improve quality of care given to patients



Products & Solutions

VISION-X Endoscopy Application

- > Next-Generation Imaging
- > A solution designed for modern clinics.
- > VISION-X, an advanced endoscopy application, is a comprehensive software solution tailored to meet the needs of modern clinics.
- > It offers a wide range of features, including patient management, image and video recording, reporting, and seamless PACS integration, enhancing both the patient experience and clinical efficiency.





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