

Apa itu Dartech PACS

Sistem informasi dan imaging radiologi yang digunakan untuk penyimpanan, pengelolaan, dan distribusi gambar medis digital (DICOM).



Fitur Utama Dartech PACS



Digital Image Storage

Semua hasil pencitraan medis tersimpan dalam format DICOM tanpa film fisik.



Image Manipulation Tools

Zoom, kontras, brightness, window leveling, pengukuran, dan anotasi tersedia untuk mendukung analisis gambar medis.



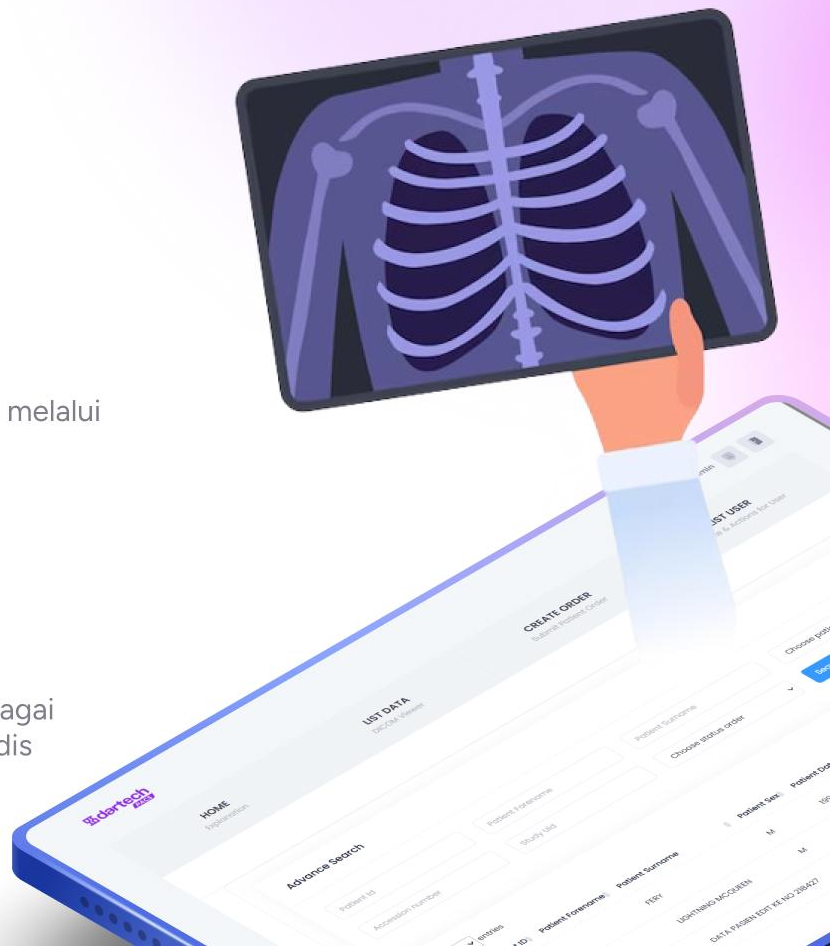
Web-Based Image Viewer

Radiolog dapat membaca dan menganalisis gambar langsung melalui browser, mendukung praktik teleradiologi.



Support Multi-Modality

Dapat terhubung dengan berbagai jenis modalitas pencitraan medis dalam satu platform.



Arsitektur Dartech PACS

PACS Web

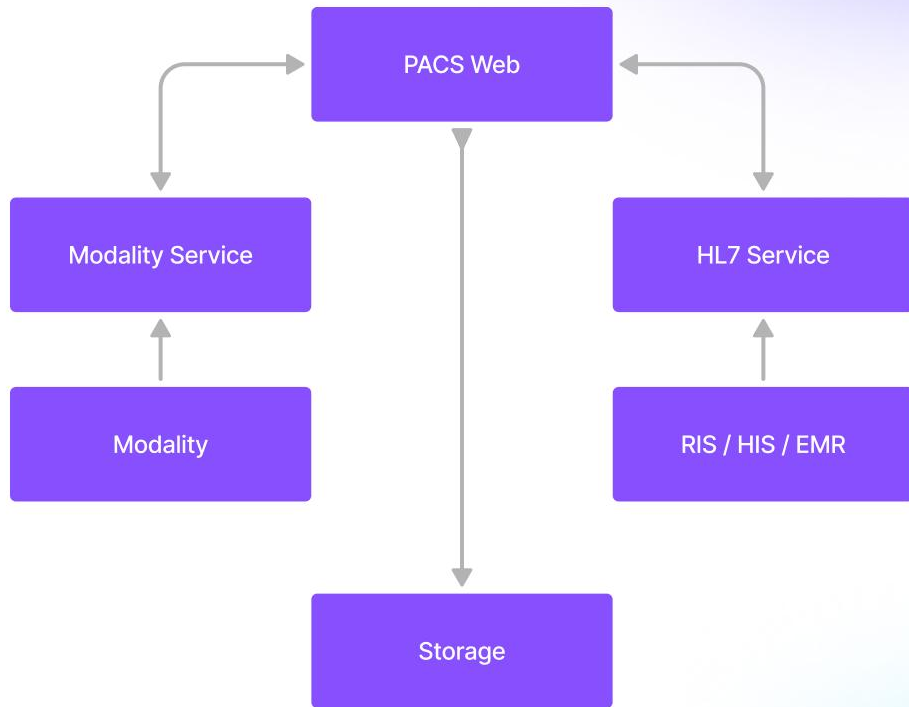
Sistem manajemen data radiologi yang mengatur distribusi gambar dan menyediakan akses viewer berbasis web.

HL7 Service

Layanan integrasi standar HL7 yang memastikan pertukaran data pasien dan order antar sistem berjalan aman & konsisten.

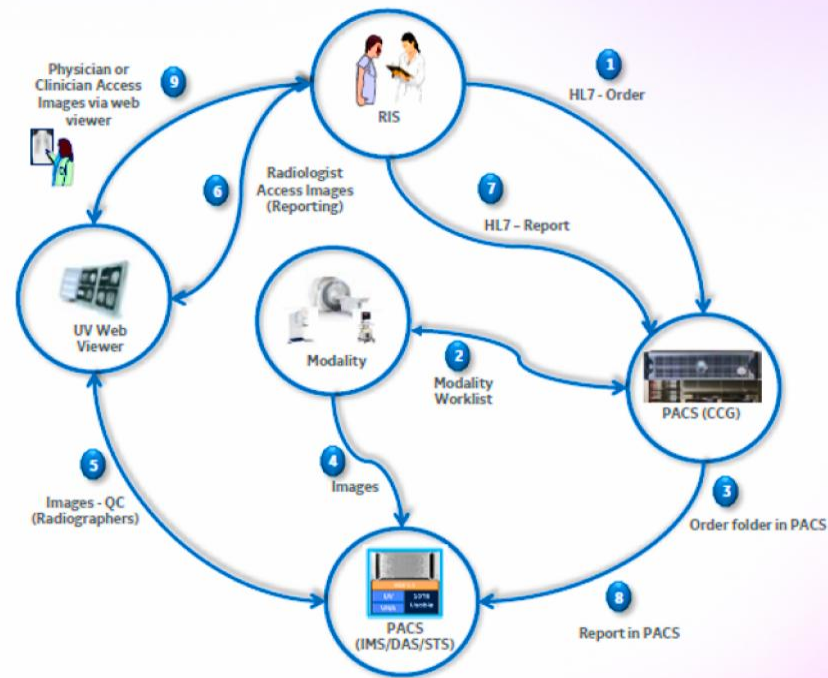
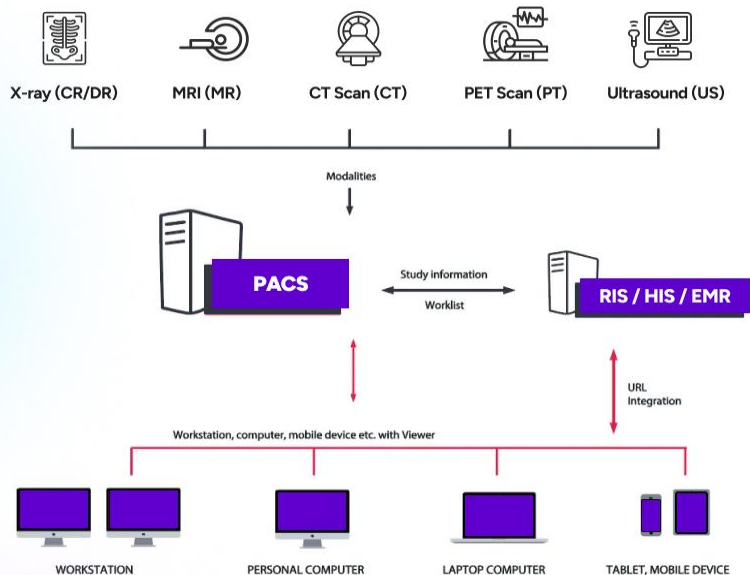
Modality Service

Layanan penghubung yang menyalurkan worklist dari PACS ke modality sesuai order pemeriksaan.



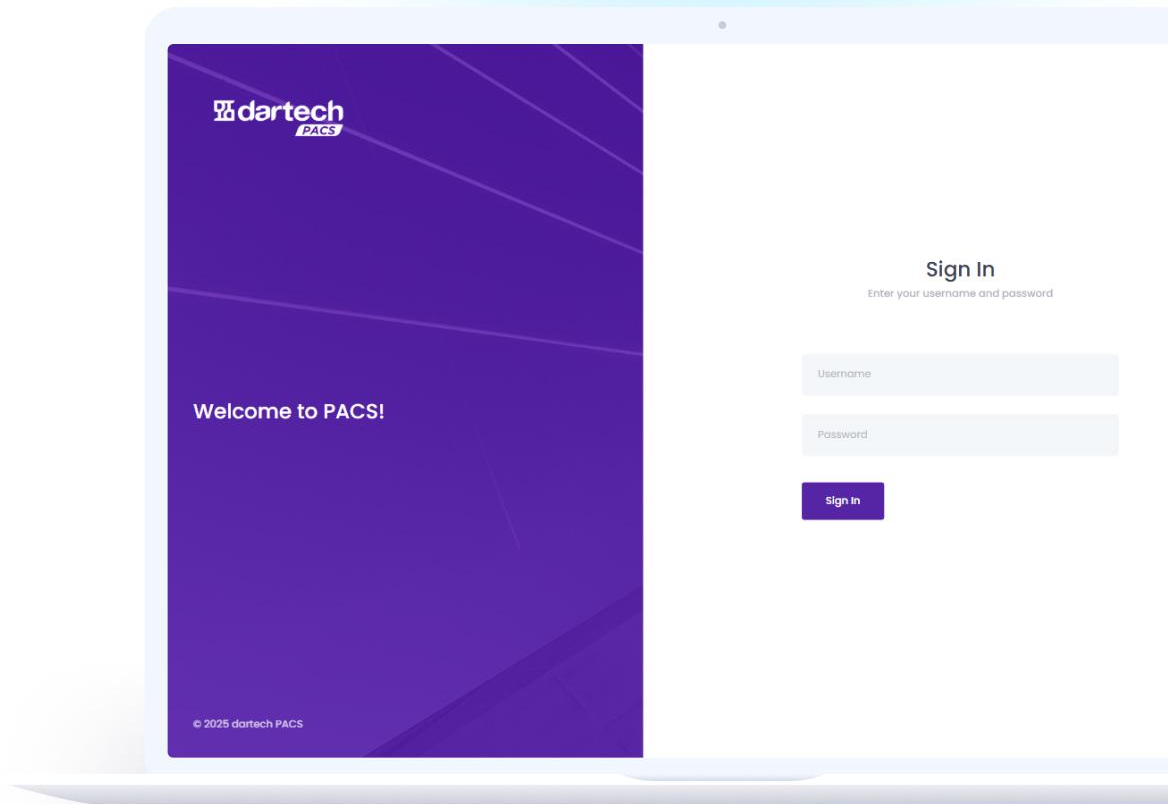
Integrasi Dartech PACS dengan

RIS / HIS / EMR

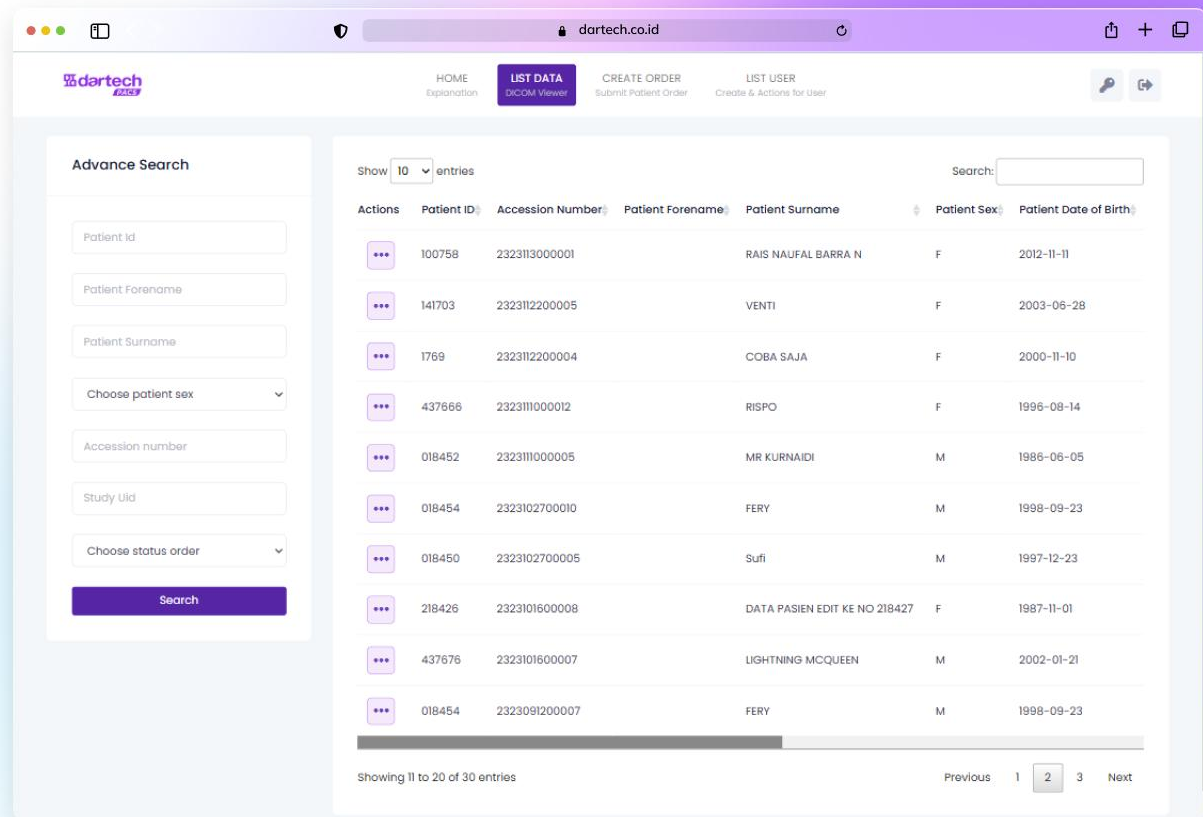


Interface

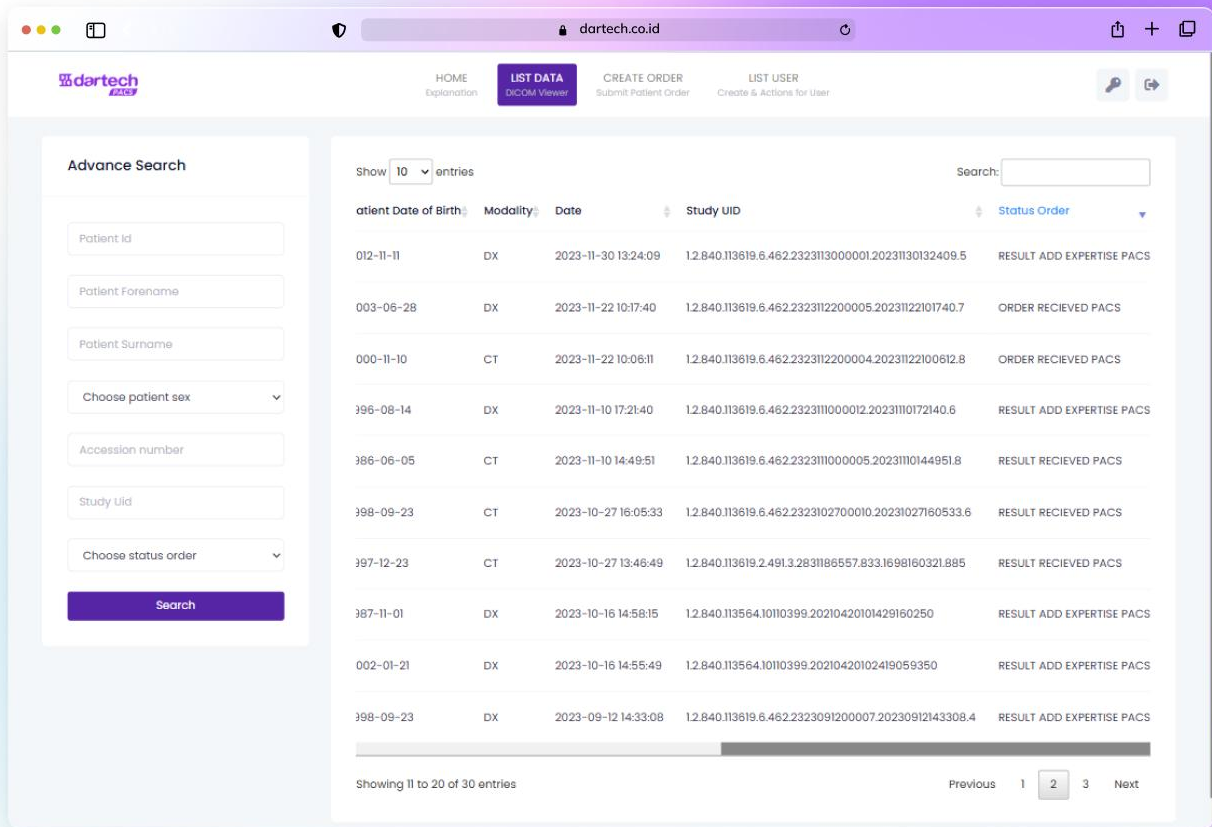
Dartech PACS



List Order



List Order



Create Order

dartech

2025

HOME

Explanation

LIST DATA

DICOM Viewer

CREATE ORDER

Submit Patient Order

LIST USER

Create & Actions for User

Create Order

Accession Number:

Patient ID:

Patient Title:

Patient Forename:

Patient Surname:

Patient Date of Birth:

Patient Sex:

7943750278

NN

dd/mm/yyyy

M

Requested Procedure ID:

Requested Procedure Description:

Filler Order Number:

Placer Order Number:

4786264181

971903396

3885376084

Requesting Physician:

Referring Physician:

Performing Physician:

Institution Name:

Modality:

Scheduled AE Title:

Scheduled Station Name:

Modality1

AE1

Scheduled Procedure Step ID:

Scheduled Procedure Step Description:

Scheduled Procedure Step Start Date:

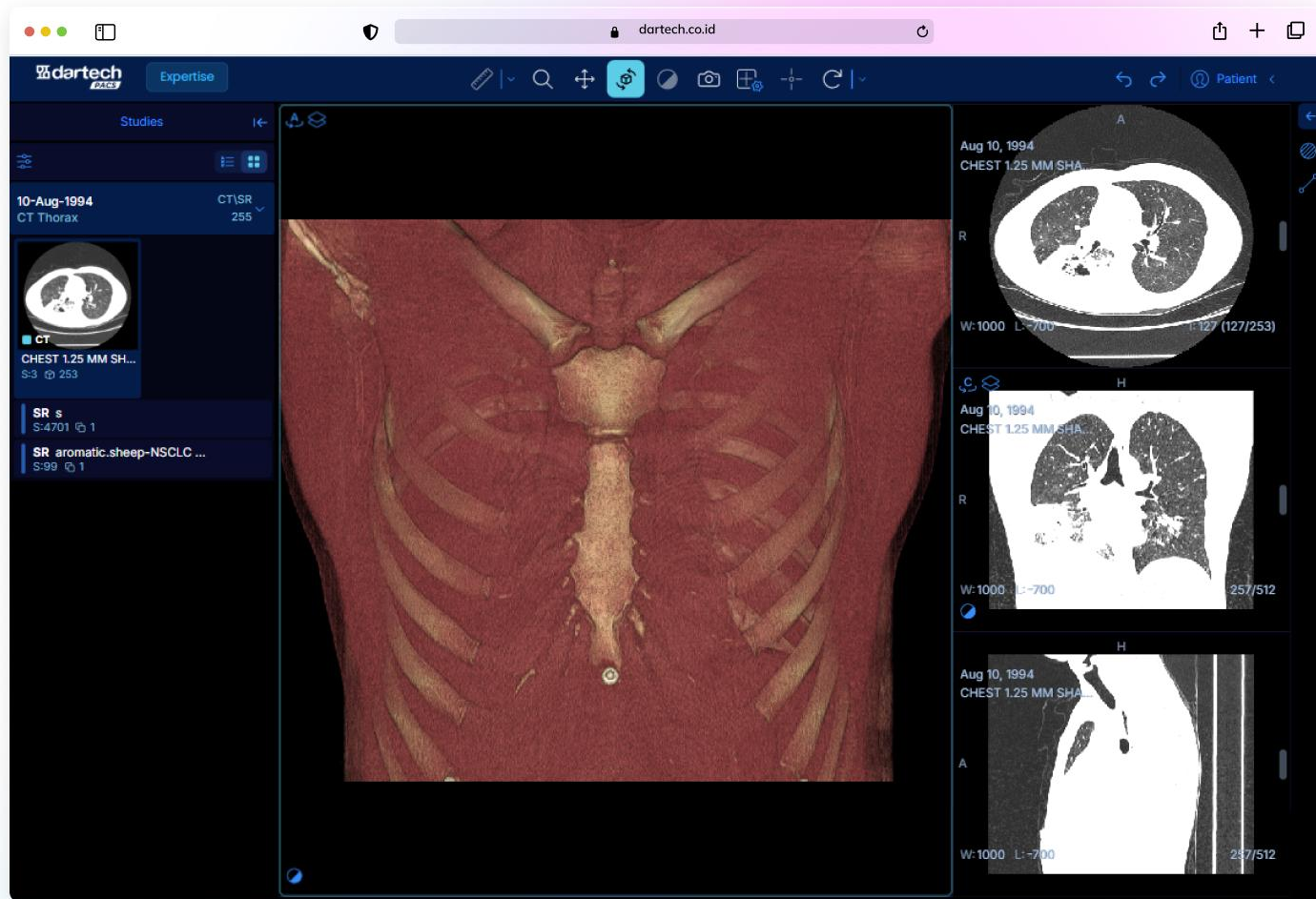
275079544

dd/mm/yyyy --:--

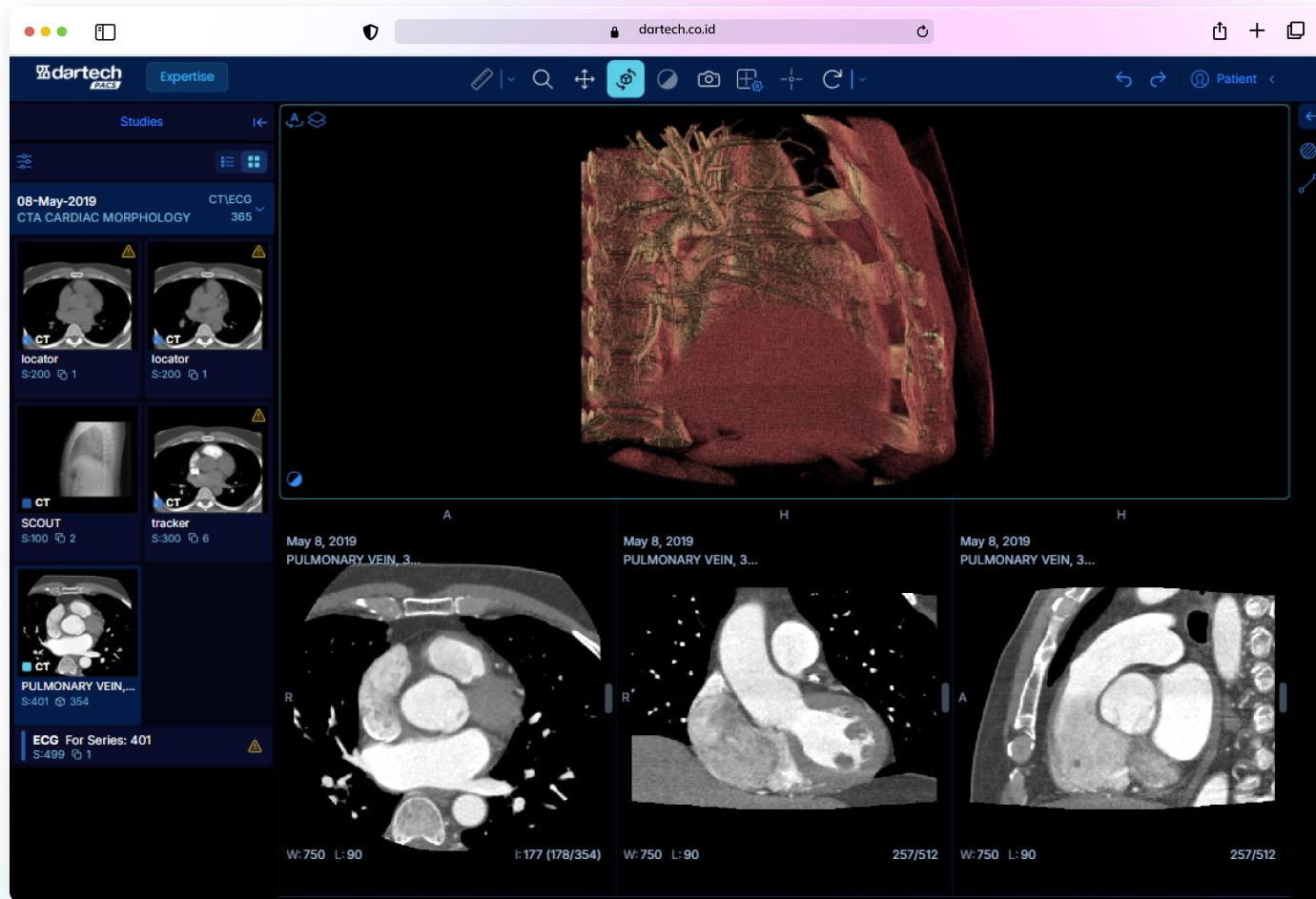
Submit

2025 © Dartech PACS

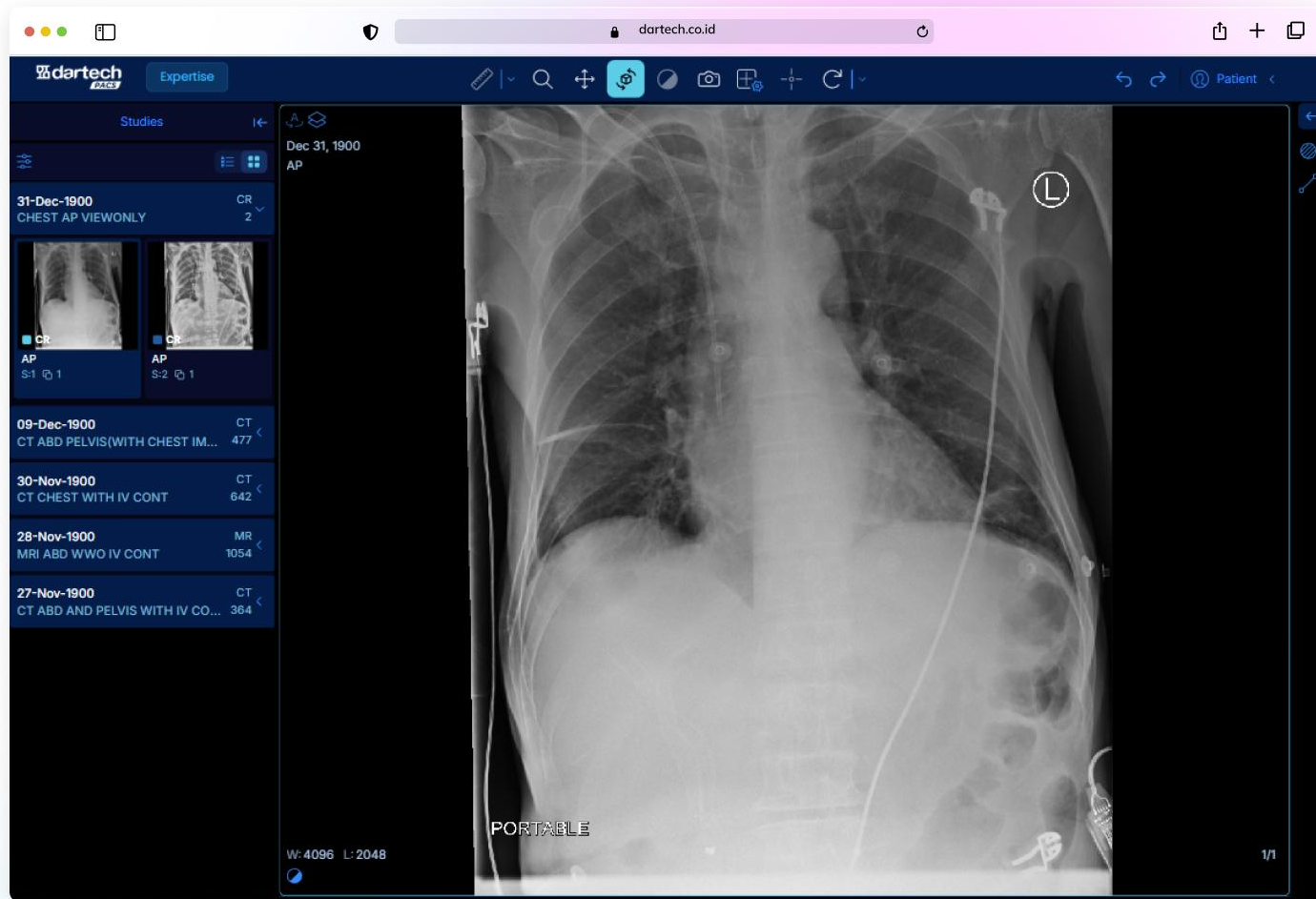
CT



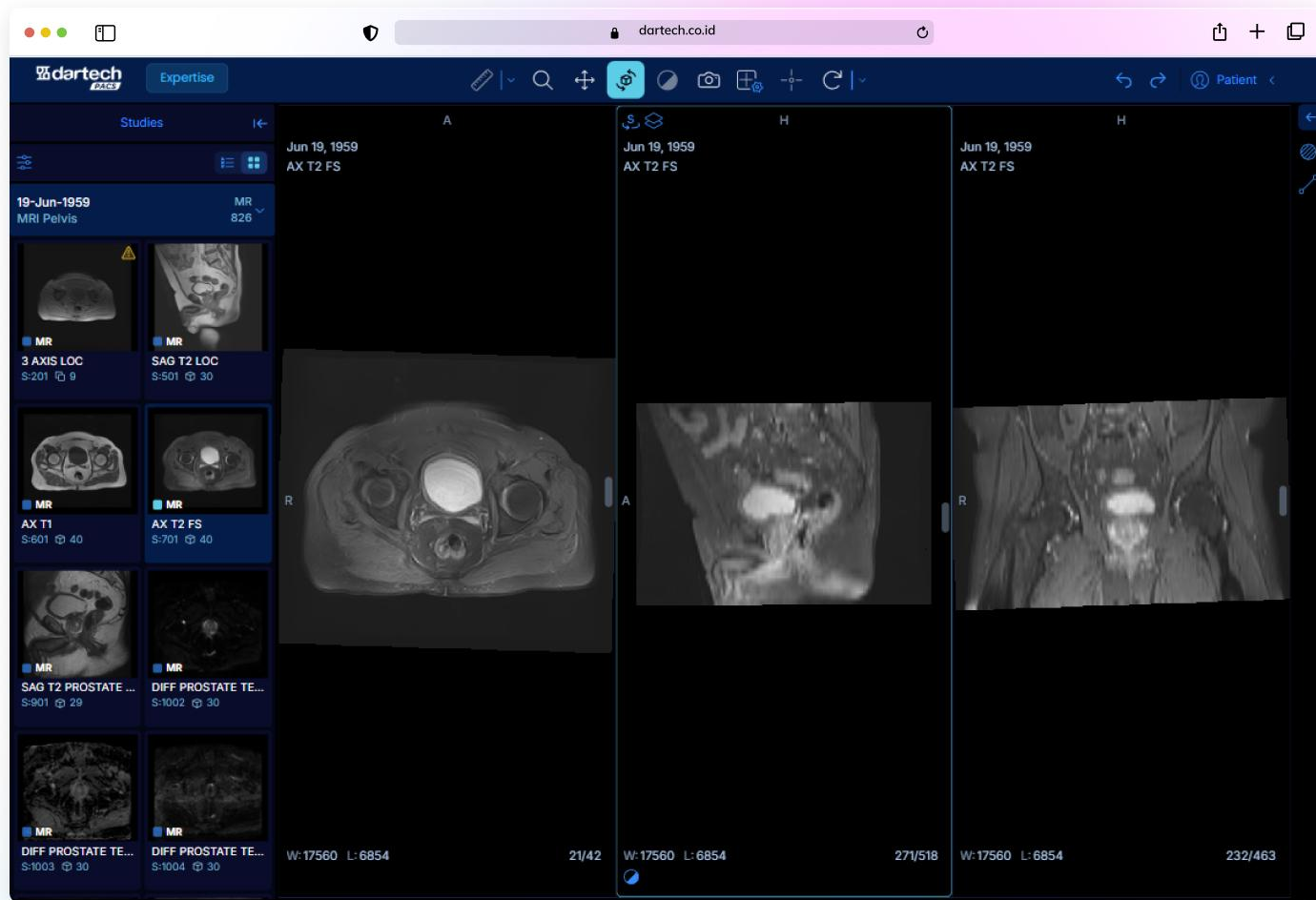
CT



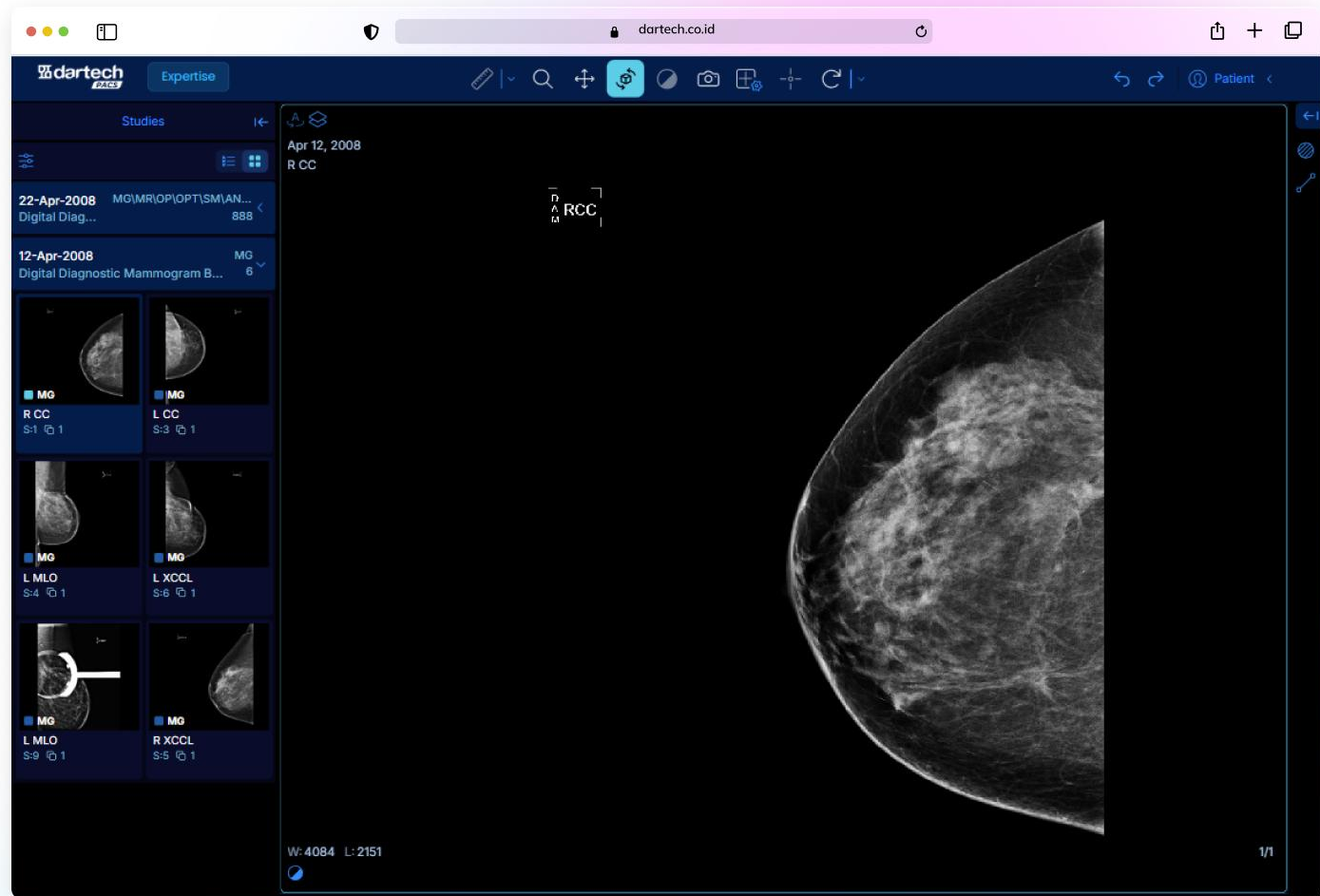
CR



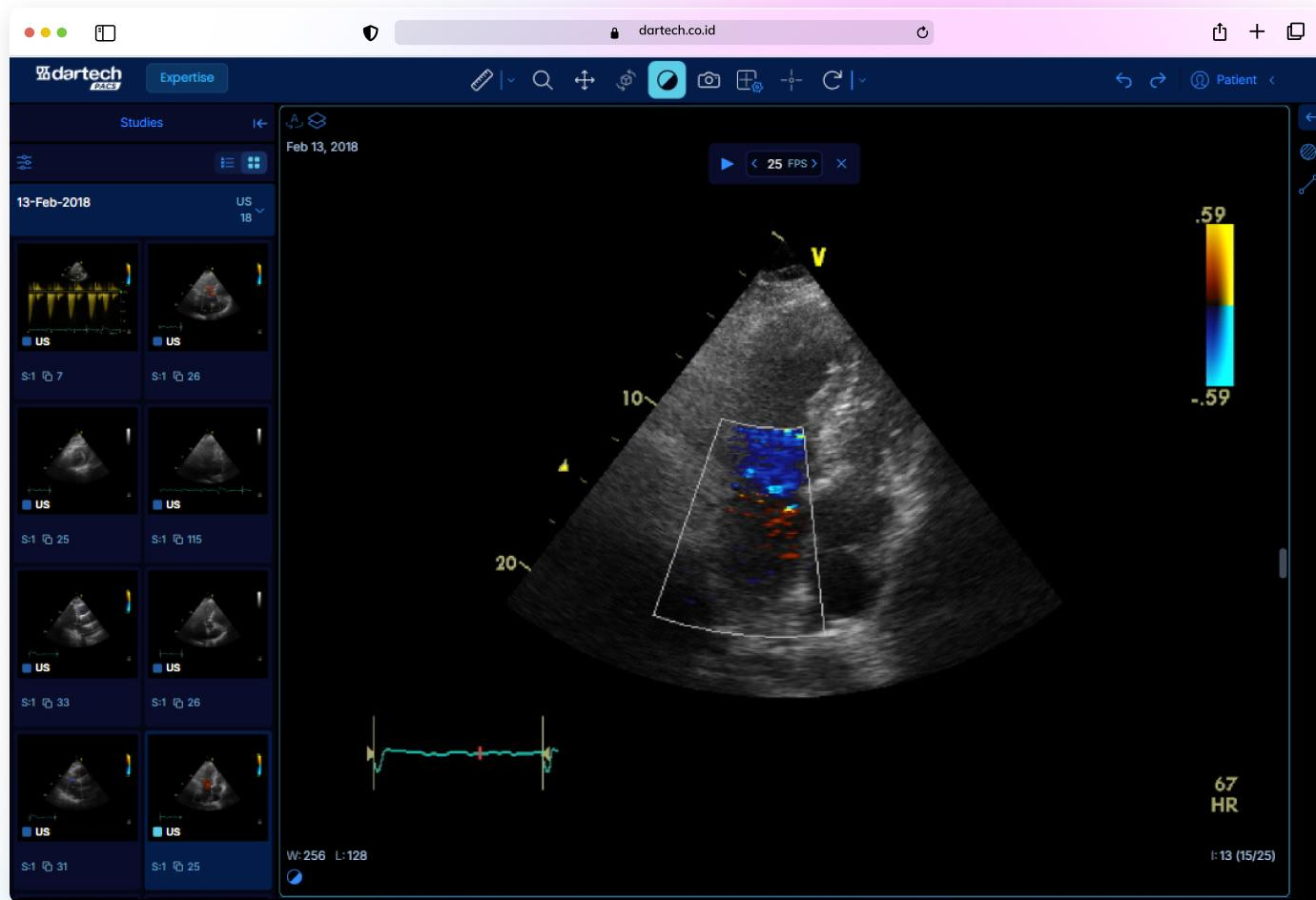
MR



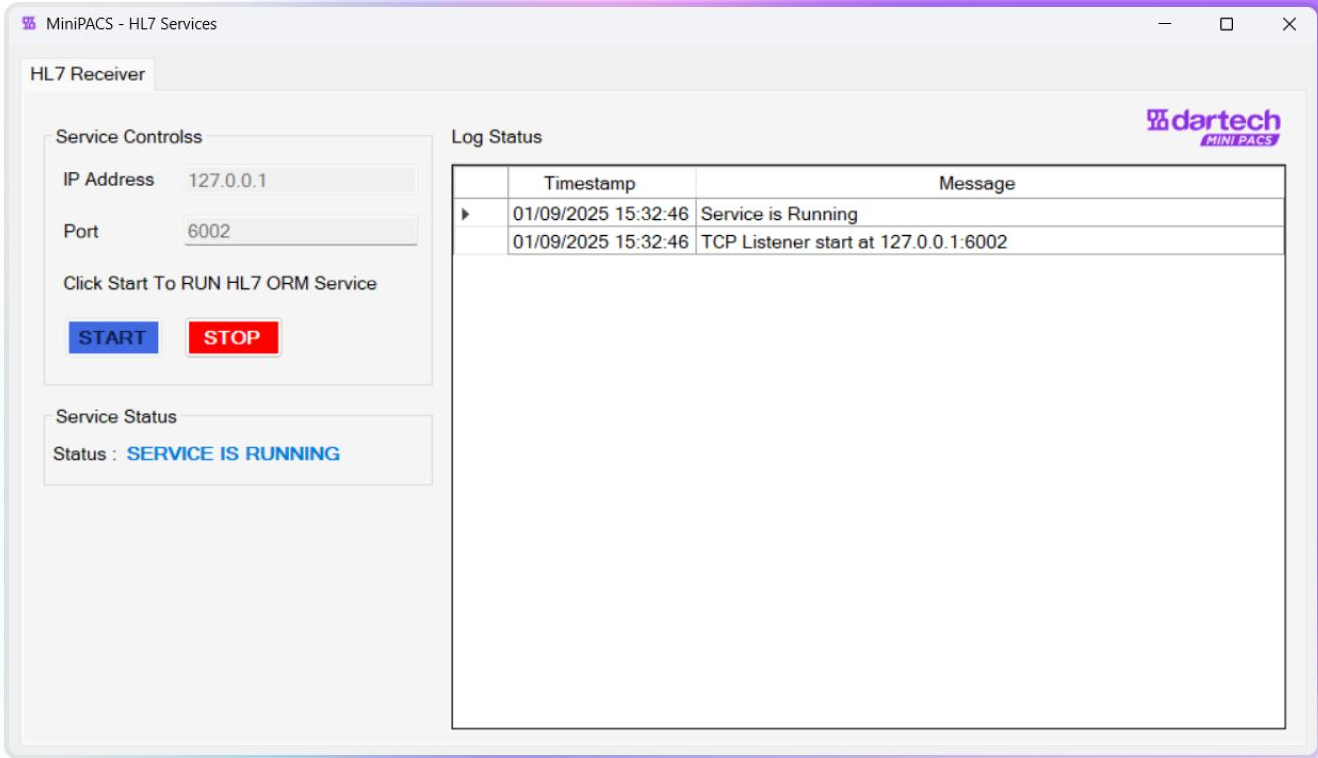
MG



US



HL7 Services



Spesifikasi Dartech PACS

Fitur - Fitur

Web-based Viewer	✓
2D DICOM Viewing	✓
Zoom / Pan	✓
Window Level / Window Width (WL/WW)	✓
Invert (Negatif/Positif)	✓
Rotate / Flip	✓
Measurement (Length)	✓
ROI Measurement (area/stat sederhana)	✓
Annotation / Markup dasar	✓
Stack Scrolling (scroll slice)	✓
Cine Playback (play frame)	✓
MPR (Axial/Coronal/Sagittal)	✓
Crosshair / Reference Lines (MPR sync)	✓
Multi-Viewport Layout (1x1, 2x1, 2x2, dst)	✓
3D DICOM Viewing	✓
Filmless Module	✓
SATUSEHAT Integration	✓

Spesifikasi Teknis

Modality Interface	5
Exams	10k/year
Radiologist License	Unlimited
Technologist (Radiographer License)	Unlimited
Clinician License	Unlimited
ULite (ZFP) Viewer License	Unlimited

Server



Intel Xeon
Storage Hardisk 8TB
RAM 32GB
Input Devices (Keyboard, Mouse)
License OS Windows

Workstation



Intel Core i7 / AMD EPYC
Storage Hardisk 1TB
SSD 256GB
RAM 16GB
VGA Card
Input Device (Keyboard, Mouse)
License OS Windows
Monitor 2.4k

Supporting Hardware



UPS

Spesifikasi Dartech MiniPACS

Fitur - Fitur

Web-based Viewer	✓
2D DICOM Viewing	✓
Zoom / Pan	✓
Window Level / Window Width (WL/WW)	✓
Invert (Negatif/Positif)	✓
Rotate / Flip	✓
Measurement (Length)	✓
ROI Measurement (area/stat sederhana)	✓
Annotation / Markup dasar	✓
Stack Scrolling (scroll slice)	✓
Cine Playback (play frame)	✓
MPR (Axial/Coronal/Sagittal)	✗
Crosshair / Reference Lines (MPR sync)	✗
Multi-Viewport Layout (1x1, 2x1, 2x2, dst)	✗
3D DICOM Viewing	✗
Filmless Module	✗
SATUSEHAT Integration	✗

Workstation



Intel Core i7 / AMD EPYC
Display 24 Inch
Storage Hardisk 1TB
SSD 256GB
RAM 16GB
Input Device (Keyboard, Mouse)
License OS Windows

Spesifikasi Teknis

Modality Interface	3
Exams	5k/year
Radiologist License	Unlimited
Technologist (Radiographer License)	Unlimited
Clinician License	Unlimited
ULite (ZFP) Viewer License	10

Telah Dipercaya Banyak Fasilitas Kesehatan



RS ISLAM ARAFAH
JAMBI

HIS



LIS



RSU KAMBANG JAMBI
"Mitra Menuju Sehat"

HIS



HIS



CIS



HIS



RSUD SUNGAI BAHAR
JAMBI

HIS



RUMAH SAKIT
ADHYAKSA

PACS



RSUD OTO ISKANDAR DINATA
BANDUNG

RIS



HIS



RIS



RIS PACS



RS BHAYANGKARA BRIMOB
KELAPA DUA, DEPOK

HIS



RS MARINIR EWA PANGALILA
SURABAYA

HIS



RS ANNA MEDIKA
BEKASI

HIS



RS MEDIKA PERMATA HIJAU
KEBAYORAN LAMA

HIS



Bunda Aliyah
HOSPITAL GROUP

HIS



RSUD PANDEGA
PANGANDARAN
Kesehatan anda Kepuasan kami

RIS



BETHSAIDA
Hospital with Heart

RIS



HIS



RS DR SUYOTO
JAKARTA

RIS PACS



RUMAH SAKIT TIKI
UDAYANA
BALI

PACS



RS RUMKITAL DR OEPOMO
SURABAYA

HIS



PS MINGGU, JAKARTA SELATAN

PACS



PT CITRA MEDIKA FORTUNA
RUMAH SAKIT
Citra medika

SIDOARJO, JAWA TIMUR

PACS



RS AU SALAMUN
BANDUNG, JAWA BARAT

PACS