Downtime PACS™

RADIOLOGY WITHOUT INTERRUPTION

Parallel PACS™

When Your Primary Imaging Chain Falters, This One Doesn't.

An always-on, live PACS companion that runs in parallel with your primary systems—ready to take over the moment disruption begins.

What is Parallel PACS?

Parallel PACS is a continuously active DICOM archive and router that operates on the same network as your hospital's primary PACS. It seamlessly duplicates, forwards, and stores studies in real time—and steps in with full diagnostic functionality when your primary system fails.

Key Features

- ✓ Always-on PACS connected to the hospital network
- ✓ Receives and forwards DICOM images in real time
- ✓ Maintains local archive of all studies for redundancy
- ✓ Zero-footprint, zero download, FDA approved HTML5 viewer
- ✓ Optional structured reporting tools included
- ✓ HIPAA-compliant with full audit trails and encrypted architecture

Connectivity & Deployment

- ✓ Resides on same subnet/VLAN as your primary PACS
- ✓ Configured as a secondary DICOM destination on each modality
- ✓ Sends images to DTP Cloud, radiology group PACS, or both
- ✓ Cloud viewer accessible via any device with secure login
- ✓ Works in tandem without disrupting your existing imaging workflow

Built For

- ✓ Hospitals seeking real-time PACS redundancy
- ✓ Radiology groups managing distributed coverage
- ✓ Environments requiring uninterrupted image access

Why It Matters

Most hospitals don't know their PACS is vulnerable—until it fails. Parallel PACS protects your diagnostic workflow by maintaining a live, redundant imaging path. If your PACS crashes, radiologists and clinicians stay up and running—with no delays, downtime, or lost studies.

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Pricing
(1 year minimum software contract required)

HARDWARE PACKAGE – CUSTOM PRICING

Enterprise server with RAID storage

Deployed onsite within existing network

Starlink and 5G/LTE failsafe connectivity

Viewer access via browser or secure device login

Includes real-time image routing, archiving, and fallback tools

Contact us for tailored pricing based on network size and routing complexity

SOFTWARE PACKAGE – CUSTOM PRICING

Cloud PACS + Edge Device

Unlimited Viewer Licenses

Starlink & 5G/LTE Plans Included (if used)

Exam and Data overage charges may apply

Deployment & Workflow

- **Configured on the hospital network as a parallel destination**
- **Automatically receives and stores live copies of studies**
- **Forwards to DTP cloud PACS or Radiology Group PACS**
- **Radiologists access via cloud viewer or backup device**
- **Operates invisibly—until your PACS fails**

Key FAQs

Does Parallel PACS replace our PACS or RIS?
- No—It works alongside them to ensure uninterrupted access and image routing in case of failure.

What happens if our PACS or VPN goes down?
- Parallel PACS continues routing and storing studies. The cloud viewer provides immediate access for radiologists.

Is it on the same network? Will it cause conflicts?
- Yes and No—It resides on the same network—but uses separate routing rules. It does not interfere with PACS traffic.

Can we read from it during normal operations?
- Yes—It can serve as a backup viewer or reporting system even when your primary PACS is online.

Does Parallel PACS work automatically during outages?
- It passively receives a live copy of every study, storing them locally and in the cloud (if connected). However, image forwarding is intentionally paused by default to avoid congesting hospital networks or overwhelming destination servers. During an outage or on demand, forwarding can be activated via admin controls—ensuring radiologists have immediate access without straining live infrastructure.

Contact us to activate your imaging redundancy strategy

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