Downtime PACS™

RADIOLOGY WITHOUT INTERRUPTION

Failsafe PACS™

When Imaging Fails, We Don't.

Stand-alone, air-gapped diagnostic imaging continuity for hospitals, ERs, and critical care.

What is Failsafe PACS?

Failsafe PACS is a permanently installed, locally deployed DICOM archive, and diagnostic platform designed to operate **completely independent of hospital IT systems**. When PACS, RIS, EMR, or network infrastructure fails, Failsafe PACS keeps imaging alive.

Key Features

- Air-gapped or isolated from hospital network (VLAN compatible)
- Receives, stores, and archives DICOM images directly from modalities
- Zero-footprint, zero download, FDA approved HTML5 viewer
- Structured reporting tools included—no voice dictation required
- Hardened Linux system with HIPAA-compliant audit trails

Connectivity & Deployment

- Accepts wired Ethernet or Wi-Fi modality input
- Starlink, LTE/5G, or ISP fallback connectivity with automatic failover
- Browser-based
- Preconfigured laptop viewer for images and reports
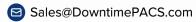- Rack or shelf mountable system – easy to install

Built For

- Hospitals and Trauma Centers
- ERs and Intensive Care Units
- Compliance, Disaster Prep, & Cybersecurity Teams

Why It Matters

When ransomware, network failure, or PACS downtime strikes, most imaging workflows grind to a halt. Failsafe PACS ensures continuity—**keeping CT, MRI, and X-ray studies moving,** and giving radiologists and clinicians the tools they need to act without delay.

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Pricing
(1 year minimum software contract required)

HARDWARE PACKAGE – $25,000

Enterprise Server

(2) RAID-1 Data Drives + (2) SSD OS Drives

VPN Router, 5G/LTE Modem

Starlink High Performance Satellite system

110 or 240V UPS + Power Conditioner

Optional Installation Support: $4,000/day
(includes travel in continental 48 states)

SOFTWARE PACKAGE – $3,000/MONTH

Cloud PACS + Edge Device

Starlink Business & 5G/LTE Plans Included

Unlimited Viewer Licenses

100 Exams per month & 2 TB Cloud Storage Included

Exam and Data overage charges apply

Key FAQs

Does this replace our PACS or EMR?
- No—It operates independently during outages and does not integrate live.

How do we switch to it during downtime?
- Your team routes modality output directly to the Failsafe PACS using Wi-Fi or Ethernet cable swap.

Can radiologists report from it?
- Yes—Using structured report templates. Reports are exportable post-downtime.

Is it secure?
- Yes—AES-256 encryption, zero-trust OS, tamperproof logs.

Deployment & Workflow

- **Installed onsite (self-install with support or optional full-service install)**
- **Connect modality to Failsafe PACS via Ethernet or local Wi-Fi**
- **Radiologist accesses images via cloud-based viewer or Linux laptop**
- **Reports and images stored in cloud**
- **Reintegration handled post-outage by PACS/HIM teams**

Contact us to build your failsafe imaging system:

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Portable PACS™

When there is no IT and no alternative, Take Imaging With You

A field-deployable diagnostic imaging solution for disaster response, rural care, and mobile operations.

What is Portable PACS?

Portable PACS delivers the full diagnostic power of Failsafe PACS in a rugged, travel-ready form factor. Designed for mobility, it operates independently of hospital infrastructure and can be deployed in minutes—anywhere care is needed.

Key Features

- ✓ Ruggedized, rack-mount system in airline-checked case(s)
- ✓ Receives, stores, and archives DICOM images directly from modalities
- ✓ Zero-footprint, zero download, FDA approved HTML5 viewer
- ✓ Structured reporting tools included— no voice dictation required
- ✓ Hardened Linux system with HIPAA- compliant audit trails

Connectivity & Deployment

- ✓ Accepts wired Ethernet or Wi-Fi modality input
- ✓ Starlink and LTE/5G connectivity with automatic failover
- ✓ Radiologist accesses images via cloud-based viewer or Linux laptop
- ✓ Preconfigured Linux laptop viewer for local images and reports
- ✓ Deploys in <15 minutes with plug-and-play setup

Built For

- ✓ Disaster Response and Humanitarian Missions
- ✓ Military Medicine and Forward Operating Clinics
- ✓ Rural Hospitals and Mobile ER Units

Why It Matters

In emergencies or low-resource settings, imaging delays can mean lives lost. Portable PACS provides rapid access to diagnostic imaging in the field—ensuring continuity of care even when infrastructure doesn't exist.

Pricing
(1 year minimum software contract required)

HARDWARE PACKAGE – $28,000

Rugged Enterprise Server

(2) 4 TB RAID-1 SSD Data Drives + (2) 2 TB RAID-1 SSD OS Drives

VPN Router, 5G/LTE Modem

Starlink Portable Satellite system

User selectable 110 or 240V UPS

Preconfigured Linux laptop for image/report access

Airline-ready hard shell case(s)

Optional Installation Support: $4,000/day
(includes travel in continental 48 states)

SOFTWARE PACKAGE – $3,000/MONTH

Cloud PACS + Edge Device

Starlink Business & 5G/LTE Plans Included

Unlimited Viewer Licenses

100 Exams per month & 2 TB Cloud Storage Included

Exam and Data overage charges apply

Key FAQs

Does this need to connect to hospital systems?

- No—Portable PACS is self-contained and functions independently from PACS, RIS, or EMR systems.

Can it work in places with no internet?

- Yes—It includes satellite and LTE connectivity—images and reports available on local laptop through system network.

Is it durable enough for field use?

- Yes—It's designed for travel, field environments, and mobile care under harsh conditions.

Can it be used as a temporary PACS?

- Absolutely—It's ideal as a mobile ER solution, trauma backup, or bridge during maintenance/outages.

Deployment & Workflow

- **Deploys in 10–15 minutes with minimal setup**
- **Connect modalities to Portable PACS**
- **Radiologist accesses images via cloud or Linux laptop**
- **Reports and images stored securely in cloud**

Contact us to deploy your portable imaging solution

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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.

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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RADIOLOGY WITHOUT INTERRUPTION

Continuity PACS™

Complete Imaging Resilience—No Compromises.

A hybrid deployment that combines air-gapped survivability with real-time routing, ensuring total diagnostic continuity in every scenario.

What is Continuity PACS?

Continuity PACS merges the strengths of **Failsafe PACS** and **Parallel PACS** into a unified, dual-system strategy. It provides simultaneous **local imaging survivability** and **real-time cloud/remote routing**, delivering uninterrupted access for radiologists, techs, and clinicians—no matter the failure point.

Key Features

- ✓ Combines standalone Failsafe and networked Parallel systems
- ✓ Local DICOM archive + live image routing and cloud sync
- ✓ Zero-footprint, zero download, FDA approved HTML5 viewer
  Structured reporting tools included
- ✓ Full diagnostic capability on-site and off-site
- ✓ Redundant encrypted storage and automatic failover

Connectivity & Deployment

- ✓ Failsafe PACS: Rack-mounted and isolated (air-gapped or VLAN)
- ✓ Parallel PACS: Always-on, connected to the primary PACS network
- ✓ Modality routing to both systems for maximum uptime
- ✓ Starlink, LTE/5G, or ISP options for routing resiliency
- ✓ Browser-based cloud access + Linux laptop viewer for local use
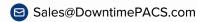
Built For

- ✓ Health systems requiring maximum diagnostic uptime
- ✓ Environments with unreliable infrastructure or high cyber risk
- ✓ Mission-critical departments (Trauma, ER, ICU, Remote Sites)

Why It Matters

PACS disruptions aren't always total—they're often partial and unpredictable. Continuity PACS eliminates the guesswork. Whether your VPN fails, your PACS server crashes, or your network is compromised, this hybrid system ensures both **instant image access** and **long-term workflow survivability** without delay.

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Pricing
(1 year minimum software contract required)

HARDWARE PACKAGE – CUSTOM PRICING

Combined deployment of Failsafe and Parallel PACS

Dual enterprise servers (rack or shelf-mounted)

5G/LTE, Starlink satellite, VPN router, UPS & Power Conditioner

Linux laptop for local viewing/reporting

Tailored to facility size and routing needs

Contact us for customized quote based on deployment model

SOFTWARE PACKAGE – CUSTOM PRICING

Includes licenses and support for both systems

Cloud PACS, edge devices, and dual connectivity plans

Starlink & 5G/LTE Plans

Unlimited viewer licenses

Exam and data overage charges may apply

Key FAQs

Why do we need both systems?
- For full protection. Parallel PACS provides real-time routing and viewer access. Failsafe PACS offers total isolation if the primary imaging chain is breached.

How does the workflow change during downtime?
- It doesn't have to. Imaging continues through Parallel PACS if systems partially fail—or through Failsafe if a full failure occurs.

Is this overkill for a small hospital?
- Not at all—Continuity PACS is scalable—and may be the only way to guarantee uninterrupted access if IT resources are limited.

Who manages the switchover?
- The system is designed for near automatic failover. Radiologists and techs simply continue working via the available viewer.

Deployment & Workflow

- **Modality routing rules push studies to both systems**
- **Radiologists can access studies via cloud or local laptop viewer**
- **Reports generated and stored securely, even offline**
- **Seamless failover in case of any PACS/network disruption**
- **Reconciliation performed post-downtime by PACS/HIM staff**

Contact us to build your Continuity PACS configuration

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