Downtime PACS™

Quick FAQ Summary

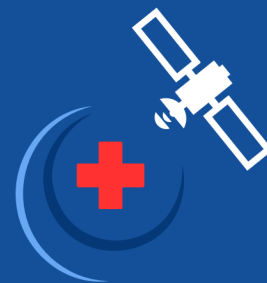|	
What is Downtime PACS and what problem does it solve?	Downtime PACS is a modular suite of diagnostic imaging continuity systems that ensures uninterrupted access to radiology workflows during outages—whether caused by ransomware, PACS failure, power loss, or network disruption. It keeps imaging available when core hospital systems go down.
Does Downtime PACS replace our PACS, RIS, or EMR?	No—It operates independently and is not integrated with your live systems. It acts as a resilient overlay during failure—keeping imaging and reporting active while your core infrastructure is down.
How does Downtime PACS interact with our infrastructure?	Downtime PACS does **not** connect to or depend on your hospital's PACS, RIS, EMR, HL7 messaging, or VPN access. This independence is by design—it ensures resilience when your IT stack fails.
What configuration is required?	Very little. Simply configure each modality to send a DICOM copy to the Downtime PACS edge device. That's it. No HL7 feeds, EMR connections, or worklist hooks are required.
So how exactly does it work?	Think of Downtime PACS as a **non-disruptive overlay**: • It receives DICOM images directly from modalities • It stores and displays those studies on secure local and/or cloud storage • It routes images to cloud viewers or radiology group PACS when connected • It never touches billing, scheduling, ADT, or patient orders When your primary systems fail, Downtime PACS quietly takes over—keeping your imaging operation alive.

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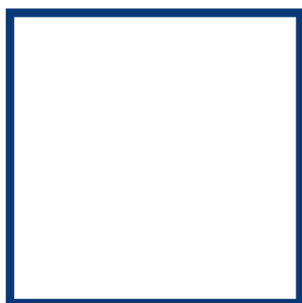|	
What products are available?	• **Failsafe PACS™**– A fully isolated, air-gapped local PACS and archive • **Portable PACS™**– A field-ready version for rapid deployment anywhere • **Parallel PACS™**– A live router that forwards images in real time • **Continuity PACS™**– A hybrid of Failsafe PACs + Parallel PACS for maximum uptime
Is the system secure and compliant?	Yes—Downtime PACS uses AES-256 encryption, a hardened Linux OS, zero-trust architecture, and maintains tamperproof audit logs. Access is role-based and it is fully HIPAA-compliant.
Can we access images and reports if our VPN or internet fails?	Yes—All systems include local archiving and a secure Linux laptop for offline access. When online, radiologists can view studies through our secure browser-based cloud viewer. Structured reporting tools are included for online use and reports can be exported as PDFs.
How long does it take to install?	• Failsafe PACS: ~1 day • Portable PACS: <15 minutes • Parallel PACS: 1–4 days depending on routing setup
What happens to studies after the outage ends?	All studies and reports are exportable in standard DICOM and PDF formats. They can be reconciled post-downtime by HIM or PACS teams using your normal downtime recovery workflow.

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