



# Online all the time

## Philips IntelliSpace PACS iVault 4.4

Philips IntelliSpace PACS 4.4 provides access to relevant, multi-modality information to support clinical decision making anywhere,<sup>1</sup> anytime. It simplifies PACS via a unique service delivery model with built-in flexibility, scalability and interoperability. Ultimately, it facilitates collaboration throughout the enterprise to enhance clinician workflow, patient care, and financial outcomes.

From retrieving increasingly large datasets to helping meet regulatory requirements, the daily operation of your imaging facility depends upon having a reliable storage solution. Philips IntelliSpace PACS iVault provides a secure and scalable image, information, and workflow management solution that lets your facility reduce the costs and complexity of PACS storage.

The solution protects the integrity and privacy of data while giving clinicians expanded access to studies and related data across applications. Its disaster recovery, encryption, and retention capabilities help meet Medicare, Medicaid, and HIPAA requirements. The archive is scalable to meet the growing storage needs of your institution and to help protect your investment.

### **An exceptional solution for managing and protecting your data**

- Always-online long-term storage – Helps enhance patient care delivery and meet regulatory requirements
- A life-critical, service-fault tolerance – Can contractually guarantee 99.99% reliability
- Customer workflow support – Facilitates efficient imaging and information management
- Disaster recovery – Brings image distribution system back online
- Scales to the enterprise – Meets volume needs across multiple facilities

**PHILIPS**  
sense and simplicity

# Always-online long-term data storage



IntelliSpace PACS iVault's always-online medical image storage solution addresses the bottlenecks of prefetching, routing and forwarding, off-line media management, and ad hoc querying. By interfacing with RIS workflow, IntelliSpace PACS iVault provides a single view of images and information to users across the enterprise. The system scales to millions of studies per year and thousands of users across numerous institutions. It provides a single storage solution for the management of imaging data, including radiology, cardiology, pathology, dermatology, and other imaging domains.

## Keeps you and your data connected

Single database solution	Addresses prefetching and routing; provides a single view of images and information across the enterprise
Interfaces with RIS workflow	Provides automatic synchronization of data across the enterprise
Single database for images, including subspecialties	Manages images across imaging departments including radiology, cardiology, pathology, dermatology, and more

# Contractually guaranteed reliability

IntelliSpace PACS iVault can contractually guarantee 99.99% reliability with clustered worklist/database servers, replicated virtualized storage units for critical image data, and load-balanced failover virtualized DICOM servers. Philips IntelliSpace PACS Enterprise, Radiology, and iVault solutions each utilize the Philips proprietary Proactive System Monitoring technology. Philips proactively monitors all systems and immediately notifies our 24/7/365 Customer Care Center of any issues.

## Round-the-clock performance

Clustered servers	Offer full redundancy
Multiple storage servers	Provide extra redundancy and load balancing
24/7/365 Proactive System Monitoring technology	Provides Philips Customer Care, with human support, to identify any potential issues before they occur
Contractually guarantees 99.99% uptime	Assures system is up and running for round-the-clock patient care

# Support and scalability to do more



IntelliSpace PACS iVault provides imaging, information, and workflow management both in the radiology department and across the healthcare enterprise. It delivers a range of innovative solutions to help institutions operate more efficiently and increase resources. These advances are designed to drive productivity, support clinical decision making, remove boundaries to

care, and optimize your infrastructure investment. Our service-based delivery model transparently shows total cost of ownership and includes protection from hardware obsolescence and provides a measurable return on investment. Proactive monitoring, software upgrades, and unlimited workstation licenses are among other key benefits.

## Customer workflow support

Simplified access to images, information, and tools	Drives productivity with clinical enterprise workflow solutions
Inter- and intra-departmental communication	Enhances the enterprise collaboration

## Excellence across the enterprise

Philips IntelliSpace PACS iVault is based on an expandable array of RAID-5 virtualized storage units. This modular architecture provides scalable storage to support the needs of a single, stand-alone institution, or distributed configurations to support the requirements of fully integrated healthcare networks.



## Scales to meet your needs

Modular virtualization technology	Allows an institution to scale as necessary
Least cost retrieval	Optimizes bandwidth over WAN
All images stored on RAID	Facilitates speed of images in three seconds or less <sup>1</sup> with just-in-time image delivery for new and prior exams

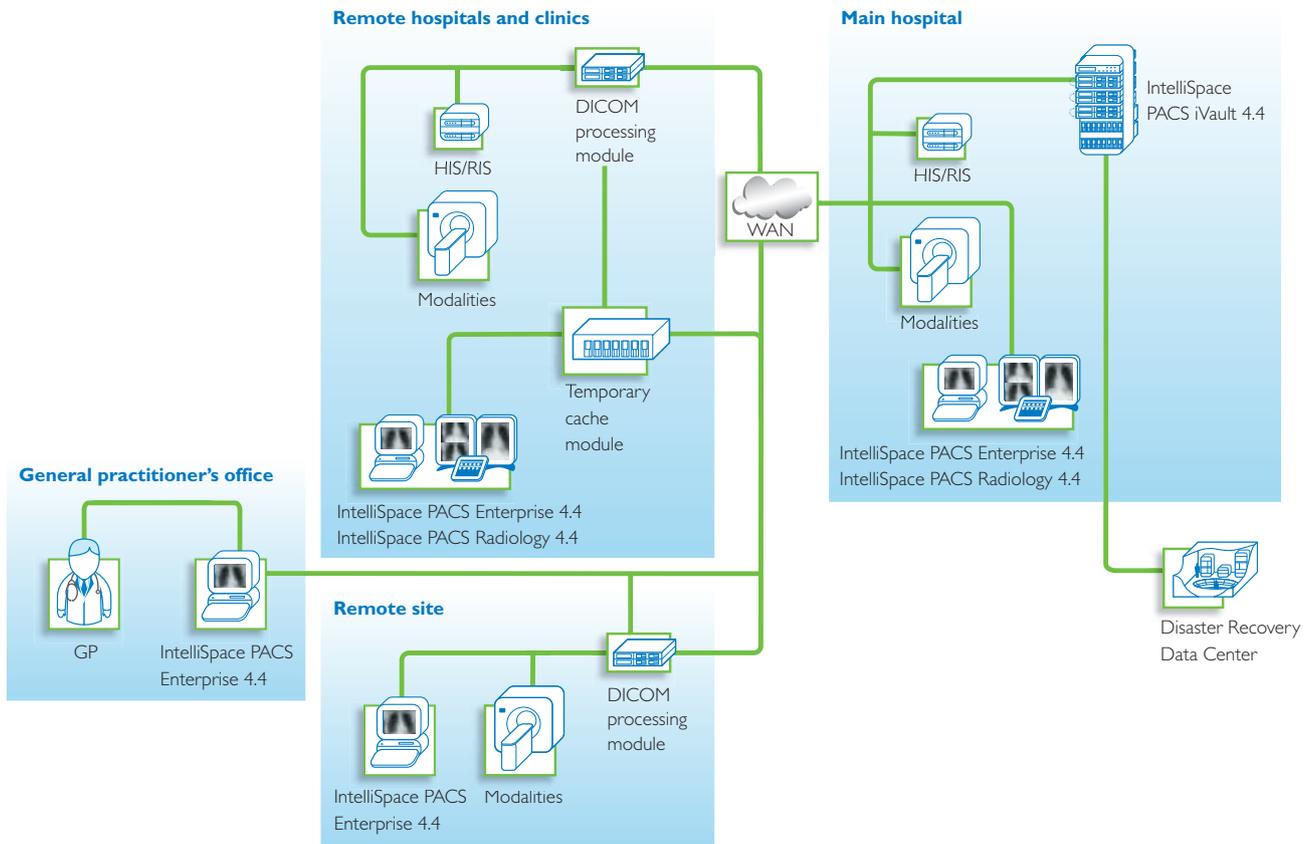
# Your security

The disaster recovery data center provides HIPAA-compliant off-site disaster protection for your imaging data. Philips works with its customers to develop a comprehensive disaster recovery plan so that in case of a flood, fire, or other disaster, the entire distribution system can be brought back online.

## Disaster recovery

Off-site disaster recovery	Provides for restoration of recent data even when faced with events such as fire, flood, earthquake, or other disaster
Tier 1 facility	Designed for security and fault tolerance

# An architecture for your success



<sup>1</sup> It is the user's responsibility to ensure that Philips network performance recommendations for IntelliSpace PACS 4.4 are met.

Please visit [www.philips.com/IntelliSpacePACS](http://www.philips.com/IntelliSpacePACS)



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