



RADIN.archive

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This component enhances RADIN.online with long-term archiving.

It is scalable from an entry level system to an enterprise solution. The new software module features long term archiving on harddisk and optical jukeboxes.

Key Features

- Scalable server architecture
- Scalable long-term storage
- High performance and high availability with cluster solutions
- Failover
- Fully integrated within RADIN product family
- Storage commitment
- Web-based remote administration
- Configurable data compression
- Standard Microsoft technology
- Powerful SQL database
- MPPS Manager **Work**

Security Features

- Administrator authentication
- Data verification on media
- Detective media handling
- Duplicate media storage possible
- Clearly defined disaster recovery strategies
- Database consistency check
- Database transaction recovery
- Audit trails for all relevant actions

Storage Modules

- Media producer station
- Optical jukeboxes
- Harddisk (RAID, NAS, SAN)
- External storage provider
- CD-R and DVD-R media supported

Archive Features

- Configurable data migration strategy
- Message logging

Hardware and Software Requirements

- Pentium 2 GHZ, Single Processor,
- 512 MB RAM,
- 50 - 100 GB RAID 5 harddisk system (media buffer)
- Windows 2000 Server (engl.)
- Windows 2003 Server (engl.) **Work**

Work = work in progress





Key Features

- Scalable server architecture
- High performance and high availability with cluster
- Online data storage up to 6 Terabyte
- Web-based remote administration
- Auto routing module
- Standard Microsoft technology
- Powerful SQL database
- Configurable data compression

Minimum Hardware and Software Requirements without archiving station

- PC Pentium III, at least 500 MHz
- Dual CPU
- 512 MB RAM
- Harddisk capacity at least 20 GB
- Windows 2000 server operating system (english version)
- Internet Explorer version 6

Recommended hardware for RADIN.online (mandatory for archiving option)

- Dual Processor Server 2 GHz
- 1024 MB RAM
- RAID 5 harddisk system (100 GB to 6 TB)
- Windows 2000 server operating system (english version)
- Internet Explorer version 6

Security Features

- Administrator authentication
- VPN support
- Audit trails for all relevant actions
- Failover support
- HIPPA compliant

Server Features

- Two independent compression levels
- Lossless/lossy JPEG compression
- Wavelet compression
- Improved image assignment
- Auto delete of old data
- Message logging
- System info about asynchronous jobs

DICOM Network

- DICOM Storage SCP
- DICOM Query/Retrieve SCP/SCU
- Storage commitment SCP (with RADIN.archive)
- Support of lossless and lossy JPEG transfer syntaxes
- Query/Retrieve on each compression level



Cluster rack composition