

Phoenix RSM™

Surveillance Video Management Features & Benefits

Benefits

SoleraTec's surveillance video lifecycle management solution, Phoenix RSM, delivers video feed management for long-term retention and replication that is policy based, dynamically managed, and extremely scalable. It provides organizations with the tools needed to efficiently record, store, and manage an ever-growing amount of video data.

► Cost Effective

Phoenix RSM provides comprehensive video lifecycle management. It redistributes video assets across multi-tiered storage to improve utilization and performance and decrease storage costs. The efficient use of all available storage resources results in reduced total cost of ownership, increased resource utilization, and reduces administrative overhead.

► Long-Term Retention

Phoenix RSM facilitates very long-term retention of ALL video surveillance assets. Phoenix RSM can support weeks or even months worth of retention.

► Scalable

Phoenix RSM efficiently meets SMB requirements and is scalable to meet complex enterprise demands. Our client/server architecture enables the user to add new storage resources with ease.

► A Federated Information Repository

Phoenix RSM's distributed client/server architecture transforms current storage-media resources into a centrally managed, multi-tiered federated information repository. Our Information Repository, a collection of Phoenix Vaults, enables the efficient management, tracking, and recovery of surveillance video assets.

Retained surveillance footage is easily located with an easy-to-use and powerful search engine. Video search results are easy to identify and retrieve using thumbnail references and playable, low resolution companion files, and they include all archived surveillance data, including data stored offline.

► Provides Full Control of Digital Assets

Phoenix RSM provides the user with automatic management of video surveillance data on a continual, active, basis, including complete control of the management and migration of digital files for optimized storage resource utilization as well as robust search and retrieval of any file or set of files.

► Replication

The ability to automatically migrate and replicate video assets to secondary, less expensive storage destinations, such as LTO digital data tape and Blu-ray, enables organizations to make sound decisions about what data is and isn't important to keep.

► Reduces IT Support Requirements

Phoenix RSM's federated Information Repository and intuitive end-user application greatly reduce the overall need for administrator support.

► RTSP Camera Support

Phoenix RSM supports the RTP/RTSP IP-camera protocol that enables any RTSP enabled camera to interface with Phoenix RSM without needing special drivers. With support for direct IP video feeds, Phoenix RSM is ideal for storing, recording, and managing the vast amount of video data created by IP-based cameras.

Features

Recording

- Frames per second: full 30 FPS or lower
- Resolution: full camera resolution, including megapixel
- Number of cameras supported: 5 to 10 at full 30 FPS, dependent on storage vault CPU performance
- Recording duration/file duration: adjustable - 5, 15, 30, 60, or 120 minute
- Recording capacity: dependent on storage resource unit capacity
- Low resolution companion creation size: low, medium, or high depending on storage vault CPU performance

Data Acquisition & Storage Management

- Integration with VMS systems such as Milestone™ ONSSI™, exacq™ and others.
- Unmatched performance and agility
- Data migration initiated by high and/or low storage watermarks
- Digital fingerprinting (SHA256)
- Format-agnostic file management
- Original file format preserved and untouched

Data Retrieval, Export, & Recovery

- Robust search capabilities from any networked Windows, Macintosh, or Linux computer.
- Keyword, metadata, and visual search capabilities
- Self-service clip retrieval
- Creation, saving, and sharing of data collections
- Offline file and media tracking
- Copy and move support for original files
- Search entire repository via single screen

Advanced, Flexible, Federated Information Repository Architecture

- Balanced, extended client/server architecture
- Overall system extensibility and scalability
- Rich media / video content centric data management
- Modern graphical design
- Future-proof architecture for new functionality
- OEM-branded interface options

Administration

- Chain-of-Custody logging
- Complete optical library and/or digital data tape management, including offline media
- Multi-tier storage management approach
- Camera Pools
- Storage Pools
- RTSP camera configuration
- Live view support
- PTZ support
- Combined media utilization
- Media request notifications
- Extensible export criteria functionality
- Scheduling of redundant tasks
- Email notifications
- Activity logs
- Online help

▶ COMPATIBILITY

- **Operating Systems**
 - Microsoft Windows 7, Vista, XP, Server 2008 and Server 2003
 - Apple Mac OS X
 - Linux
 - Please inquire for others
- **Hard-Disk Storage**
 - JBOD, RAID, NAS, SAN
- **Tape Storage**
 - LTO, SAIT, DLT, AIT, VXA, DDS, Libraries, Changers, Single Drives
- **Optical Storage**
 - Blu-ray

About SoleraTec

SoleraTec is a leading developer of archive, storage, asset and video lifecycle management software for corporate customers. SoleraTec leverages a heritage of nearly a decade and a half to deliver a level of quality, sophistication, and technological advancement that has established it as one of the premier data protection solution providers in the industry. SoleraTec works through OEM, dealer, and integrator relationships to deliver complete data protection solutions. The company was established in 1997 by a team of industry veterans with experience deploying data protection, HSM, and storage lifecycle management solutions to some of the largest companies around the world.

SoleraTec™

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