



Without question, email is the most widely used Internet application in the world. As a result, most organizations are unable to function without it. Given this dependence, corporate best practices dictate the need to retain and safeguard email archives. SntryML™ is designed to meet these needs and easily maintain email archives.

SntryML automatically captures, indexes, and archives email messages from the email server and is capable of managing up to 250,000 messages per hour. Once captured, it enables users to search the archive for their messages when necessary without the emails having to reside on the email server. It minimizes the need for mailbox management, and is designed to meet compliance, e-discovery, and knowledge sharing business needs. SntryML is designed to let users access and integrate email archive data and extract information to make informed business decisions.

HIGHLIGHTS

- Based on the SntryStr Archive Appliance Platform
- Automatically captures 100% of all Email – sent and received
- Adds virtually unlimited storage to any mail server seamlessly
- Creates a vendor-independent message repository with self-service access
- Supports virtually any mail server even in a mixed environment
- Reduce mailbox limits while providing users with virtually unlimited email storage
- A complete easy-to-deploy and simple-to-manage appliance solution
- Capable of managing 250,000 messages per hour per SntryML
- Because a full copy of all messages is created automatically, mail-server message store backups are no longer needed
- No third-party software or application integration required
- Messages are archived in a vendor-independent format – RFC822 (Standard Internet transfer format)
- Attachments are archived with the corresponding email message
- Archives messages as flat-files so content can easily be captured in back-office systems (e.g., records management) while still allowing users to search and index messages as needed
- Functions as a backup email server

SntryML is completely compatible with all QStar data management software, so moving email archives off to secondary storage is automatic and seamless.

Two Tiered Storage Management

SntryML uses a two tiered storage management structure designed to manage content using automated, policy-controlled archiving to on-line storage devices for active management retention and then automatically migrating data to near-line storage devices providing seamless retrieval of information. The near-line storage is completely device independent and can be virtually any form of disk, optical or tape including WORM technology depending on retention needs.

Email Archiving Solution Benefits	Operational	Corporate Governance	Compliance
Enables compliance with SEC 17a-4, DOD 50.15, HIPAA, CFR21 Part 11 and other regulations		✓	✓
Provide assured content authenticity and managed content retention and deletion		✓	✓
Capture 100% of corporate Email		✓	✓
Dramatically reduce legal discovery time and cost of Email.		✓	✓
Eliminate end user self-archiving	✓	✓	✓
Centralize and automate control Email archive policies	✓	✓	✓
Reduce Email server storage by up to 80%	✓	✓	✓



SYSTEM FEATURES

Capacity (Raw)	<ul style="list-style-type: none"> From 1.5 to 2 TB 	<ul style="list-style-type: none"> From 2 to 96 TB
Drive	<ul style="list-style-type: none"> Max 2 drives (hot swappable) 	<ul style="list-style-type: none"> Max 6 drives (hot swappable)
Model #	<ul style="list-style-type: none"> QSM - 2000/01: 1 TB (2 x 500 GB) QSM - 2000/02: 1.5 TB (2 x 750 GB) QSM - 2000/03: 2 TB (2 x 1 TB) 	<ul style="list-style-type: none"> QSM - 6000/01: 2 TB (4 x 500 GB) QSM - 6000/02: 3 TB (6 x 500 GB) QSM - 6000/03: 3 TB (4 x 750 GB) QSM - 6000/04: 4.5 TB (6 x 750 GB) QSM - 6000/05: 4 TB (4 x 1 TB) QSM - 6000/06: 6 TB (6 x 1 TB)
RAID	<ul style="list-style-type: none"> RAID 1 	<ul style="list-style-type: none"> RAID 5
Built-in Storage	<ul style="list-style-type: none"> CD-RW/DVD ROM 	<ul style="list-style-type: none"> CD-RW/DVD ROM
Setup and Configuration	<ul style="list-style-type: none"> Web Based user interface for system administration 	<ul style="list-style-type: none"> Web Based user interface for system administration
Storage Management	<ul style="list-style-type: none"> Policy based tiered storage management Integrated support for on, near, and off line data management Policy based data retention and deletion 	<ul style="list-style-type: none"> Policy based tiered storage management Integrated support for on, near, and off line data management Policy based data retention and deletion
Network Connection	<ul style="list-style-type: none"> Dual port auto-sensing gigabit NIC Automatic IP address assignment Supports DHCP, ARP 	<ul style="list-style-type: none"> Dual port auto-sensing gigabit NIC Automatic IP address assignment Supports DHCP, ARP
Interface	<ul style="list-style-type: none"> Fibre card (optional) iSCSI support Adaptec 29320 SCSI PCI Express Adapter 	<ul style="list-style-type: none"> Up to 6 expansion storage units with 15 drives (hot swappable) Fibre card (optional) iSCSI support Adaptec 29320 SCSI PCI Express Adapter
CPU	<ul style="list-style-type: none"> Intel Dual Core Xeon Processor Up to 4 GB DDR RAM 	<ul style="list-style-type: none"> Intel Dual Core Xeon Processor (supports up to two) Up to 4 MB DDR RAM
RAM (Included)	<ul style="list-style-type: none"> 2 GB 	<ul style="list-style-type: none"> 2 GB
Graphics	<ul style="list-style-type: none"> Integrated ATI ES1000 controller with 16MB of SDRAM 	<ul style="list-style-type: none"> Integrated ATI ES1000 controller with 16MB of SDRAM

SPECIFICATIONS

Built in Support for Archive Storage	<ul style="list-style-type: none"> 2.5 TB 	<ul style="list-style-type: none"> 5.5 TB
Archive Capture	<ul style="list-style-type: none"> 250,000 Emails per Hour ¹ 	<ul style="list-style-type: none"> 250,000 Emails per Hour ¹
Index Capacity	<ul style="list-style-type: none"> 1 Billion Messages ² 	<ul style="list-style-type: none"> 1 Billion Messages ²
Agency Certifications	<ul style="list-style-type: none"> CAN/CSA C22.2 No. 60950-1, CSAus, FCC Class A, CE IHE, VCCI, BSMI, C-Tick Class A, SABS, Class A, CCC Class A, MIC Class A, UL 60950-1, EN 60950-1, IEC 60950-1 	<ul style="list-style-type: none"> CAN/CSA C22.2 No. 60950-1, CSAus, FCC Class A, CE IHE, VCCI, BSMI, C-Tick Class A, SABS, Class A, CCC Class A, MIC Class A, UL 60950-1, EN 60950-1, IEC 60950-1
Physical	<ul style="list-style-type: none"> 1U Rack-mountable chassis Width: 16.7" (42.6cm) Height: .67" (4.26cm) with bezel attached Depth: 30.4" (77.2cm) Weight: 35.8 lbs (16.3 Kg), maximum configuration 	<ul style="list-style-type: none"> 2U Rack-mountable chassis Width: 17.5" (44.43cm) Height: 3.4" (8.64cm) with bezel attached Depth: 29.31" (74.4cm) Weight: 50.71 lbs (23 Kg), maximum configuration
Power	<ul style="list-style-type: none"> AC configuration with standard single or redundant 750W hot-plug auto-switching universal 110/220V AC power supplies 	<ul style="list-style-type: none"> AC configuration with standard single or redundant 750W hot-plug auto-switching universal 110/220V AC power supplies
Operating Environment	<ul style="list-style-type: none"> Operating Temperature: 10° C to 35° C (50° F to 95° F) Operating Relative Humidity (non-condensing twmax=29C): 20% to 80% non-condensing Operating Vibration: 0.26G at 5Hz to 350Hz for 2 minutes Operating Shock: 1 shock pulse of 41G for up to 2ms Operating Altitude: -16 to 3,048m (-50 ft to 10,000 ft) 	<ul style="list-style-type: none"> Operating Temperature: 10° C to 35° C (50° F to 95° F) Operating Relative Humidity (non-condensing twmax=29C): 20% to 80% non-condensing Operating Vibration: 0.26G at 5Hz to 350Hz for 2 minutes Operating Shock: 1 shock pulse of 41G for up to 2ms Operating Altitude: -16 to 3,048m (-50 ft to 10,000 ft)
Non-operating Environment	<ul style="list-style-type: none"> Storage Temperature: -40° C to 65° C (-40° F to 149° F) Storage Relative Humidity: 5% to 95% non-condensing (twmax=38C) Maximum humidity gradient: 10% per hour, operational and non-operational conditions. Storage Vibration: 1.54Grms Random Vibration at 10Hz to 250Hz for 15 minutes Storage Shock: 6 shock pulses of 71G for up to 2ms Storage Altitude: -16m to 10,600m (-50 ft to 35,000 ft) 	<ul style="list-style-type: none"> Storage Temperature: -40° C to 65° C (-40° F to 149° F) Storage Relative Humidity: 5% to 95% non-condensing (twmax=38C) Maximum humidity gradient: 10% per hour, operational and non-operational conditions. Storage Vibration: 1.54Grms Random Vibration at 10Hz to 250Hz for 15 minutes Storage Shock: 6 shock pulses of 71G for up to 2ms Storage Altitude: -16m to 10,600m (-50 ft to 35,000 ft)

¹ Based on an average message size of 70 KB

² Based on record index size of 1,500 bytes