



CLARMONT

A CLEAR VIEW OF TECHNOLOGY

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SANity™ XA E-mail Archive System

In the course of the next year experts predicts that the total number of emails sent worldwide will increase from 3.2 billion to around 19 billion. This will place an additional burden on the enterprise with the need for dramatically increased data storage capacity . The technical challenge of managing this data is often remarked on and discussed, but few are able to offer a solution. **E-mail is a significant resource for your company** - unfortunately the majority of the information is either hidden, or unavailable to those who need it. Finding and restoring lost email messages is a time consuming headache for both administrators and users alike, and the existing email archival strategy often does not satisfy the requirements of storage regulations (e.g. USA - Gramm-Leach-Bliley Act and the Health Insurance Portability and Privacy act), not to mention legal requirements. A company risks monetary and other sanctions if it does not satisfy relevant storage regulations, which can result in a loss of confidence in its shares and a reduction in customer satisfaction.

Do any of these experiences sound familiar?

- Suffering through **tedious recovery of old e-mails** from tape backups?
- Is your e-mail system **crawling** under a huge amount of stored data?
- **Lost important** e-mails due to disk failure?
- Couldn't find important information because **you deleted** the mail to save space?
- Are you throwing more and more system **resources** at your email server to keep it up to speed?
- ... Are you ready for a solution??



All these problems can be solved, but simply adding new and higher-capacity e-mail servers isn't the answer :



- The **servers will still slow down** due to the ever increasing amount of data
- Security backups become **increasing costly** and time consuming
- Increased online data storage may entail corresponding increases in **Server licence costs**
- Ever **more time and energy** is required to restore your data in case of a system outage
- The tendency towards **ever larger attachments** and the trend towards multimedia data files exponentially increases the load on your servers

SANity™ XA is a **solution** that solves all these problems. In addition to ensuring the safety of your messages - meaning that you only need to create backups of your system, it also does not require Exchange server, or client-side installation. In place of costly RAID systems and the associated necessary tape backup systems, the heart of the system is a DVD Storage Jukebox (scalable from 1TB - 306TB) – which is both significantly **cheaper**, and the media has a suitably long life-span for long-term archival (~80years).

E-mail **users** will notice no difference in normal day-to-day usage of the mail system, other than that archived messages are **continuously and easily available**, without any decrease in performance of the main e-mail server, and that there will no longer be a need for have email administrators to specify a limit on the size of their mailboxes.



SANity™ XA

Choosing the SANity™ XA e-mail archive system provides direct advantages for management directly responsible for a company's operation since they will receive an **effective tool** for reduction of legal costs and operational errors. Such an e-mail archival system also reduces possibility for abuses of information, and makes it easier to assume responsibility for your company's data.

Technical Data

General Features

- Non-intrusive installation (minimal server configuration and no installation required on client side)
- Removes the need for security backups of archived items
- Thin client for remote administration
- Easy installation, configuration and archive administration
- DVD-based scalable, cost-efficient storage (currently up to 34TB per Storage Jukebox unit)
- Archived elements and attachments are reachable with a single click
- Configurable archive redirection
- Compatible with any local or remote IMAP e-mail server
- Platform independent



SANity XA system's architecture

Archive Administration

- Fully parametrizable archive procedure
 - Specify archive window
 - Configure which server(s) to archive
 - Create separately configurable archive groups, custom setting
 - Specify folders to archive (include/exclude lists)
 - Define archival rules (by age, type, size, time)
 - Establish data trimming rules for default presentation (all data is archived)
- Archive restructuring
- Fast, complete recovery of server data in case of disaster/system outage
- Automatic and manual consistency checks
- System statistics (eg. Usage, performance counters)

Message Management

- Highly configurable engine allows the archival process to be customized for each user group defined:
 - separate rules for different groups eg. Managers, assistants, sales etc.
 - specify folders to be archived, or excluded (e.g. exclude private folders, spam collection folders and so on)
 - specify rules for archival/exclusion of emails (e.g. pattern matching, depending on sender...)
 - specify trimming rules (how much of archived message remains visible)

Message Security

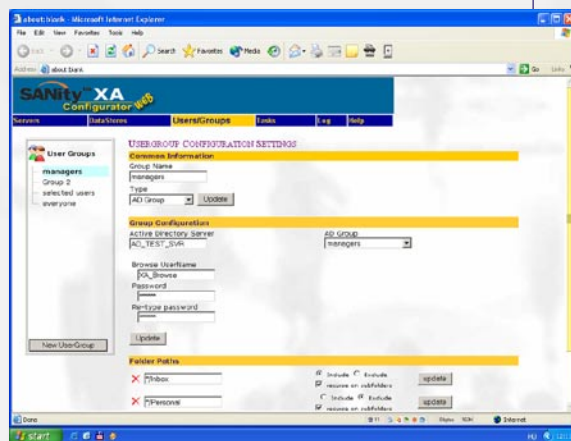
- Messages do not leave IMAP server's security system
- Encrypted data flow between servers (optional)
- Messages can be stored in secure, encrypted format (optional)
- Custom (even multiple) post-processing procedures can be carried out on arriving messages

Supported Environments

- Any standard IMAP server
- Microsoft Exchange Server 2000SP2 or v 5.5

Archive Server Requirements

- minimum 2GHz Processor
- 1GB RAM and at least 100GB HD
- SCSI card(s) for connection to external Storage Jukebox device(s)
- Any JDBC compatible database (Oracle, MSSQL, Postgres, Sybase etc).



SANity XA WebConfigurator's screenshot

Supported Operating Systems

- The core Sanity™ XA system is **platform independent**, which means that it can operate on any OS with full Java™ support.