Mail Server

MLS‑600 (rackmount)

Nusoft MLS-600, an easy-to-use, dedicated mail server, presents you with a one-stop email service solution, including anti-spam, anti-virus, DNS resolving, etc. It requires no complex commands and IT expertise, whether for installation, configuration or maintenance. To top it off, it also offers mailbox disaster recovery which performs routine backups of users' mailbox (emails, files, address books) to a backup server and from which the mailbox is restored in the event of HDD failure.

As for business operating costs, the signatures for spam and viruses (ClamAV) as well as the firmware updates are available for free downloads without user limit, greatly reducing the ownership of a mail server. In addition, its all-in-one design accommodates printer server, file storage, Web server, Web disk, calendar and other features for facilitating your efforts on network services.

Product Features

Full-Featured Embedded Email System

Apart from reliability and stability derived from the embedded hardware design, it comes equipped with features such as Web mail, anti-spam, anti-virus and DNS resolving, as well as supports the protocols of SMTP(S), POP3(S) and IMAP(S), providing all the necessaries for implementing an email system.

Easy-to-Use Mail Server

Simple installation:

Eases you through the installation with a step-by-step wizard, helping you get the job done in no time.

Hassle-free migration:

Migrates emails and accounts to MLS-600 without intervention, avoiding the risk of message loss due to human errors or domain migration.

User-friendly UI:

Requires no complex commands and IT expertise for operation; all device operations are done via a Web browser without prior software installation.

Effortless maintenance:

Helps pinpoint failed email deliveries with comprehensive reporting.

Easy archival access:

Archives emails to a backup server (e.g., NAS or Samba) for long-term retention; all stored emails can be easily searched by a range of criteria and viewed in multilingual contexts (due to UTF-8 encoding).

Habitual Web Mail:

Offers an easy email experience with its Gmail-like user interface.

Multi-Layered Email Service Protection

Anti-spam:

Reaches at 99% spam-filtering accuracy using Fingerprint, Bayesian, RBL, SPF, DomainKey, Greylist, Auto-Whitelist, etc.

Anti-virus:

Filters out viruses and malicious code concealed within emails using ClamAV scan engine (free signature updates).

Mail notice:

Notifies recipients of quarantined emails as well as allows them to retrieve those without the intervention of network administrator.

Anti-email attack:

Protects mail server from DoS attacks, dictionary harvest attacks, etc.

Multi-Domain / Domain Alias

Two domain planning approaches are provided as following: (Assuming there are two domains in your plan, namely "abc.com" and "123.com".)

Multi-Domain:

Accommodates multiple domains on MLS-600 to provide non-interconnected email systems, e.g., a@abc.com ≠ a@123.com.

Domain Alias:

Entitles a domain with a number of aliases; each alias is interconnected with the domain name, e.g., a@abc.com = a@123.com.

Mailbox Disaster Recovery

Performs routine backups of a mailbox to a backup server (e.g., NAS) and from which the mailbox is restored in the event of HDD failure.

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Built-in USB Port

The MLS-600 includes a USB port to attach following devices:

USB hard drive

Backs up email messages and data to the USB hard drive.

Printer

Manages print requests and makes the print jobs more efficient and simpler.

File Storage & Sharing

By equipping with the file storage and sharing function, MLS-600 can be used as a private cloud, FTP and file server. It enables file sharing among devices of any different operating systems.

In addition, there are two directories, namely public directory and user's directory. The public directory is accessible to all users by default. You may set permissions on any of the folders in public directory, then only the permitted users are allowed to view, retrieve or edit the folder. As to user's directory, it can be accessible only by its user.

Simple Calendar

MLS-600 provides users with an easy-to-use calendar to simplify their activity and appointment scheduling with its practical features such as shared calendar, synchronization with Google calendar, etc. In addition, the calendar is accessible through the Web mail interface.

Mobile Web Mail (email client app)

A dedicated email client app (available on iOS and Android) is provided to offer you a timely and handy email access through multitasking gestures (e.g., check, move, delete, etc.), audio and video messages, and push notifications.

Cloud-based Attachment Solution

The Web Disk feature allows large attachment to be sent by hooking up your message with a hyperlink to the file stored in the Web disk, efficaciously preventing bounces due to the size.

Full IPv6 Compatibility

MLS-600 is fully compatible with IPv6 addressing, the mainstream Internet protocol in the future. No additional budget is required for implementing another IPv6-based mail server simply for IPv4-to-IPv6 address translation.
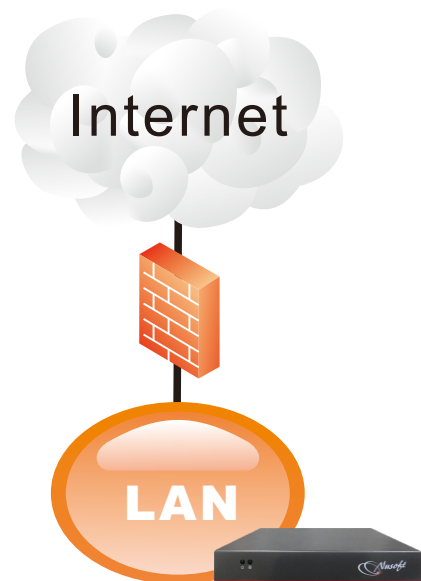
Deployment

1. Deployed in DMZ (using public IP)

Internet

LAN   DMZ
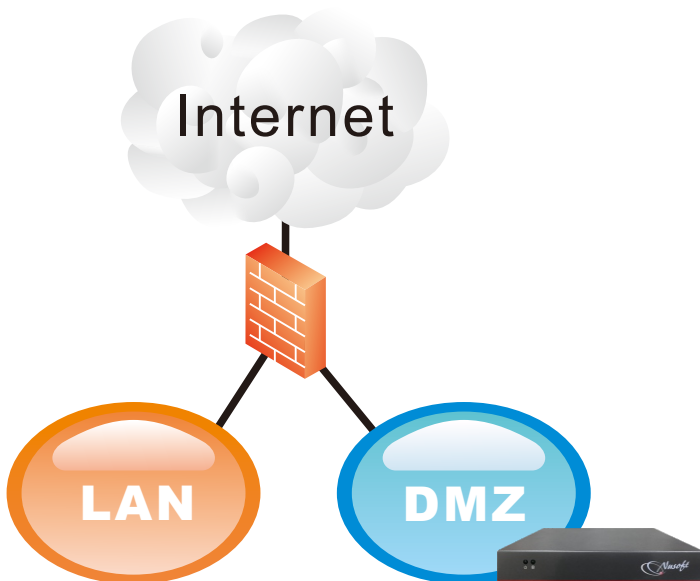
MLS-600

2. Deployed in LAN (using private IP)

Internet

LAN

MLS-600

Product Highlights

Highlight	Benefit	Third-Party Product
Full IPv6 compatibility	Saves the budget for an IPv6-based mail server simply for IPv4-to-IPv6 address translation.	Requires the purchase of IPv6-based mail server.
Email security filtering	Avoids email abuse due to compromised email accounts, computer viruses, etc.	Unable to prevent the exploitation of local email accounts for spamming, which leads to failed email deliveries due to being listed on RBL.
Remote backup access	Provides around-the-clock access(search, browse and retrieval) to email backups simply via a Web browser.	The access to nearline email archives is limited and no remote access is provided.
Filtered email archiving	Saves disk space by archiving only the legitimate emails rather than unsolicited or virus-infected ones.	Archives emails without preliminary spam filtering, wasting a huge amount of disk space.
Multi-domain / Domain alias	Not only entitles an email domain with several aliases but also accommodates multiple domains on MLS-600 to meet different business demands.	Not available. It takes as many servers as it needed to achieve the purpose.
Comprehensive email logs	Offers logs to assist in pinpointing the cause of a failed email delivery.	Available but not desirable. It requires extensive analysis to identify the cause of a failed delivery.
Anti-email attack	Protects email system from various email attacks (e.g., DoS attack, dictionary harvest attack, etc.), ensuring service reliability and continuity.	Not available. Email system is vulnerable to attacks, and consequently fails to provide reliable email service.
File storage	Provides group and permission settings which makes file sharing faster and safer.	Lacks either file storage function or group and permission settings.
Mailbox disaster recovery	Performs routine backups of a mailbox as well as restores the mailbox in the event of HDD failure.	Not available. Emails will be gone once the inbuilt HDD has failed.
Custom account privileges	Allows email account privileges to be based on network policies, such as limiting the email access to LAN only.	Email account privileges are not configurable.
Hassle-free migration	Automatically migrates emails and accounts to MLS-600 without intervention.	Requires manual operation to migrate emails and accounts, which is troublesome and risky.
Large attachment delivery	Features Web Disk to prevent email bounces due to the large attachment size.	Not available. Sending a large attachment will result in email bounces.
Email Session Encryption (SMTPS / POP3S / IMAPS)	Encrypts email sessions using TLS and SSL protocols to avert network sniffing attacks.	Not available. Messages are vulnerable to network sniffing attacks.
Mobile Web Mail (email client app)	The dedicated client app is provided to offer you an email access through multitasking gestures, audio and video messages, and push notifications, greatly facilitating email correspondence.	No dedicated user interface designed for mobile devices.
TNEF decoding (for Winmail.dat files)	Supports TNEF-encoded messages sent from Outlook.	Not available. Messages encoded in Transport Neutral Encapsulation Format (TNEF) will be unreadable.

Dual-Core Processor   Anti-Virus   Anti-Spam   Bi-Directional Filtering   Mail Notice   Anti-Email Attack

Web Mail   Mobile Web Mail (email client app)   Audio/ Video Messages   Large Attachment Delivery   Online Archive Access   Conntrack Logs

Session Encryption   DNS Resolving   Calendar   File Storage   Network Printer   Web Hosting

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MLS Series Product Comparison

Model	MLS−600(desktop)	MLS−600(rackmount)	MLS-700	MLS-900
Specifications				
HDD Capacity	3.5" HDD (drawer type)	1 TB(HDD)	1 TB(SSD)	1 TB(SSD)
RAID 1	✕	✕	✕	✕
No. of NIC Ports	1 GbE (RJ45)	1 GbE (RJ45)	4 GbE + 2 SFP+	4 GbE + 2 SFP+
0dBA Fanless Design	◯	✕	✕	✕
Form Factor	9" Desktop	1U Rackmount(11")	1U Rackmount	1U Rackmount
Power Redundancy	✕	✕	✕	✕
Features				
IPv6 Compatibility	◯	◯	◯	◯
Multi-Domain / Domain Alias	◯	◯	◯	◯
Custom Account Privileges	◯	◯	◯	◯
Account/Email Migration	◯	◯	◯	◯
Mail Service — SMTP/SMTPS	◯	◯	◯	◯
Mail Service — POP3/POP3S	◯	◯	◯	◯
Mail Service — IMAP/IMAPS	◯	◯	◯	◯
Mail Service — Web-based Mail(HTTP/HTTPS)	◯	◯	◯	◯
Email Client App (iOS, Android) — Multitasking Gestures	◯	◯	◯	◯
Email Client App (iOS, Android) — Audio/ Video Messages	◯	◯	◯	◯
Email Client App (iOS, Android) — Receive Later	◯	◯	◯	◯
Email Client App (iOS, Android) — Push Notifications	◯	◯	◯	◯
Email Security — Zero Trust Security	✕	✕	◯	◯
Email Security — Virus Email Scan	◯	◯	◯ (subscription)	◯ (subscription)
Email Security — AI Filter	✕	✕	◯ (subscription)	◯ (subscription)
Email Security — Multi-layered Spam Filter	◯	◯	◯	◯
Email Security — Mail Reports	◯	◯	◯	◯
Email Security — In-/Outbound Email Filtering	◯	◯	◯	◯
Email Security — Mail Notice/ Retrieve	◯	◯	◯	◯
Email Security — Mail Pre-Auditing	✕	✕	◯	◯
Email Security — Mail Post-Auditing/Archiving	✕	✕	◯	◯
Email Security — Remote Email Backup	◯	◯	◯	◯
Email Security — Connection Track & Queue Management	◯	◯	◯	◯
Email Security — Mailbox Disaster Recovery	◯	◯	◯	◯
USB Port — USB Disk Backups	✕	✕	◯	◯
USB Port — Email and Data Backups	◯	◯	✕	✕
USB Port — Printer Server	◯	◯	✕	✕
File Storage	◯	◯	✕	✕
Address Book/Shared Address Book/CardDAV Sync	◯/◯/✕	◯/◯/✕	◯	◯
Calendar/Shared Calendar/CalDAV Sync	◯/◯/✕	◯/◯/✕	◯	◯
Web Disk (for cloud-based attachment)	◯	◯	◯	◯
E-Paper	✕	✕	◯	◯
Basic Web Hosting	◯	◯	◯	◯
Real-Time HA	✕	✕	◯	◯
Remote Backup	✕	✕	◯	◯

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