

## Keep Email-borne threats out of your Networks

Email gateway server is used for secure transmission, handling and delivery of e-mail between client and server, server –server and client-client. The Email server will require Linux OS for the deployment. Mail service access to end users is mandated through secure connections(POP3/IMAP/SMTP over TLS, Webmail with HTTPS). Emails are encrypted in transit using TLS (Transport layer security) The user’s passwords are stored in SSHA 512 (Salt Secure Hash algorithm) which is improved version of the SHA algorithm that randomizes the hash and ceases the likelihood that the hash can be unencrypted.

tbEmailGateway gives you industry-leading protection against spam, viruses, and advanced malware—including zero-day ransomware and other threats when Advanced Threat Protection is enabled. Outbound filtering prevents data loss, and 96-hour email spooling in the Cloud ensures continuity in case of email server downtime.

### Comprehensive protection for the long term

tbEmailGateway includes spam and virus blocking, data protection, email continuity, DoS prevention, encryption, and policy management—combined to deliver a complete solution. As new requirements emerge, it is automatically updated with new capabilities to ensure continuous protection.

### Complete email threat protection

tbEmailGateway provides multi-layer security, email continuity, and data leakage prevention. Advanced Threat Protection combines behavioral, heuristic, and sandboxing technologies to protect against zero hour, targeted attacks and ransomware.

### Key Features:-

- Multi-layer anti-virus protection
- Zero-hour anti-malware detection
- 99.9% spam detection with dual engines
- Sensitive Data Redaction from documents and images
- Document and Image Sanitization
- Structural and Message Sanitization
- Built in compliance dictionaries
- Choice of email encryption options

### Unmatched ease of use

Fast, easy set-up and simple, intuitive management keep time and resource needs low. The integration of the Protection Layer makes it easy to scale capacity as your business grows.

### Comprehensive protection

- Spam and virus filtering
- Prevents spoofing, phishing, and malware
- Denial of Service (DoS/ DDoS) protection
- Directory harvest protection
- Outbound email filtering

### DLP and reputation loss

- Maintain compliance
- Prevents reputation loss and block-listing
- Pre-defined filters (e.g., HIPAA, credit card, and U.S. Social Security Numbers)

### Advanced policy control

- IP and content-based filtering
- Bulk email categorization
- Content encryption
- Sender/recipient filtering
- RBL and DNSBL support
- Keyword blocking
- Character-set blocking
- Reverse DNS blocking
- URL pattern and category blocking
- TLS encryption policy
- Secondary authentication

### Sender authentication

- SPF and DomainKeys
- Invalid bounce suppression

### Spam filter

- Rate control
- IP reputation analysis
- Fingerprint and image analysis
- Rules-based scoring algorithms
- Anti-Fraud Intelligence

### Virus filter

- Triple-layer virus blocking
- Integrated Exchange AV Agent
- Decompression of archives
- File type blocking
- Antivirus Supercomputing Grid
- Advanced Threat Protection to protect against ransomware, zero hour and targeted attacks

### Administrators

- Web-based interface
- User account administration
- Reports, graphs, and statistics
- LDAP interface
- Multiple domain support
- Secure remote administration
- Delegated domain administration
- Delegated help desk role
- Email spooling
- Configure backup to cloud

### End users

- User-based filtering
- Individual spam scoring
- Personal allow and block lists
- End-user quarantine and digest emails
- Outlook

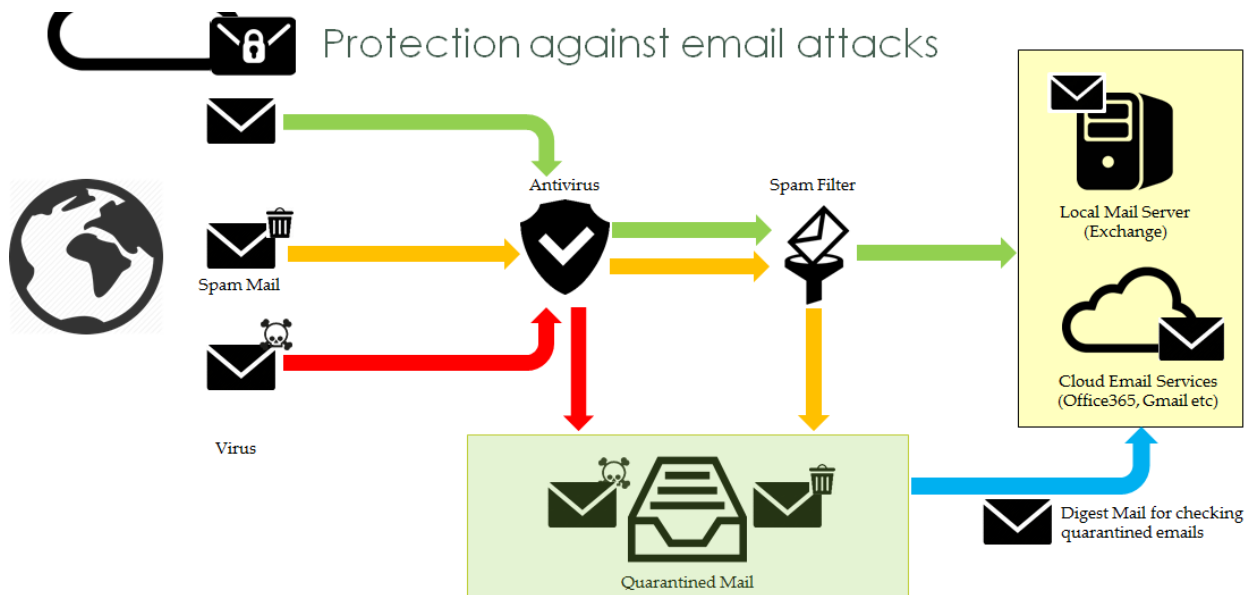
### Features Description:

- Manage mails, folders, filters and easy to use web UI(User Interface)
- Stores mail accounts (user information) in Database, which is being supplied with the solution.
- Equipped with:
  - **Spam Assassin:** Used for Spam filtering
  - **Clam Antivirus:** Detects and remove viruses such as Trojan horse etc.
  - **SPF:** A Sender Policy Framework (SPF) record is a type of Domain Name Service (DNS).
- TXT record that identifies which mail servers are permitted to send email on behalf of your domain. The purpose of SPF record is to detect and prevent spammers from sending messages with forged, from addresses on your domain.
- DKIM (Domain Keys Identified Mail) is used by the receiving email gateway server to check that an email claimed to have come from specific domain was indeed authenticated by the owner of that domain.

- **Whitelisting:** A whitelist is a list of e-mail addresses or domain names from which an e-mail blocking program will allow messages to be received. E-mail blocking programs, also called a spam filters, are intended to prevent most unsolicited e-mail messages (spam) from appearing in subscriber inboxes.
- Blacklisting. It rejects any mails if the sender domain is blacklisted.
- It provides the management of mail accounts like user creation, User deletion, Password management and sizing of mail box per user etc.
- SMS & Email alerts is provided to the User for update of ticket status and on resolution of their tickets.
- The customer should also get SMS and email notification for the status of trouble ticket.
- The System Notify Function supports manual or automatic forwarding of notifications via SMS, email. It also supports forwarding of selected alarms to individuals based on configured notification settings.
- The system Email System is linked with TT functions for auto or manual notifications
- The email and SMS notifications triggered from the ticketing system reaches the Users as per escalation matrix within less than 60 seconds.

### Additional Features of the Webmail

- ✓ IMAP and POP3 webmail client
- ✓ Message filtering
- ✓ Message searching
- ✓ Spell checking
- ✓ Built in attachment viewers
- ✓ Encrypting and signing of messages (S/MIME -Secure/ Multipurpose Internet Mail Extensions and PGP- Pretty Good Privacy)
- ✓ Mail box Quota support
- ✓ Keyboard navigation
- ✓ Full character set support for folders names & email messages
- ✓ Conversation view of all messages in a thread
- ✓ Downloading of message attachments in a ZIP file



## FOR MORE INFORMATION

### About TechBridge

TechBridge is the World's leading Product & Solutions Company. Data Center Applications, Collaboration and Real Time Communication. DC Management and Monitoring, Disaster Management, Security, Collaboration and Cloud. Its market-leading Network Modernization, Unified Communications, Mobility and Embedded Communications solutions enable customers to quickly capitalize on growing market segments and introduce differentiating products, applications and services. We are an expert and leader in Government Solutions, Smart City Solutions, Data Centers and Large Enterprises. We do custom applications also, as per the customer requirements.

### Certificates:-



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