**HORNETSECURITY**

# MTA Builder for Service Providers

## Highly flexible, next-gen MTA builder

**WHY** — ISPs and Email Service Providers face indelible challenges from sprawling user and code bases and unpredictable traffic patterns. Constrained by one-dimensional applications and dependent on vendors to release new versions, today's businesses are moving away from traditional MTAs and toward next-gen solutions that allow for rapid scaling and continuous integration, as well as rapid monitoring for better incident response

**SOLUTION** — The Vade MTA builder empowers you to build your own MTA, including your own policies, to match your unique needs. The builder is provided as a Golang (Go) build environment, which can be API or CLI controlled, Git-based, and CI-integrated. You benefit from Vade's built-in templates and modules and from the global Go community for your own custom development.

Keep your MTA compliant with the latest security standards and drafts without delay as they are published.

Reduce operating costs by 5x and keep your team focused on value-added expertise.

Guarantee data consistency at all times—even on real-time email queues.

Natively benefit from your latest Incident Response architecture for your email environment (Auto-Scaling, Deliverability, Incident Management, Automated Queue Management).

Stop meddling with an MTA to fit your requirements and build your own MTA in minutes to fulfill your requirements.

## Build Your Own MTA In Minutes
## To Fulfill Your Needs

The Vade MTA Builder features a modular architecture, with dedicated services for message processing, queuing, delivery, reputation, etc. Designed for high-volume ISPs and Email Service Providers, the Vade MTA Builder allows operations to make rapid adjustments based on business requirements, including spawning services, updating policies, and conducting real-time testing and deployment. A fully elastic solution with micro-services and REST APIs for every component, the Vade MTA Builder empowers ISPs and Email Service Providers with the agility to address new business requirements and technical challenges without limitations.

### Flexible, Custom Policy Management

The Vade MTA Builder is Go-based, a lightweight, open-source language with a large and ever-growing community, providing the flexibility and agility to implement policy changes based on new business and technical requirements:

- MTA templates maintained by Vade, integrated into policies via PCTL command
- Design your own templates
- Integrated version and change tracking
- Integration of MTA modules

# HORNETSECURITY

**HIGHLY FLEXIBLE**
The Vade MTA Builder provides the skeleton for which abuse/messaging teams can easily customize the MTA based on their unique business requirements. Implement policy changes in production, change rule parameters temporarily, and create custom templates.

**FULLY MODULAR**
The modular architecture of the Vade MTA Builder features microservices for each individual component, increasing the stability/ predictability of each service and reducing complexities and challenges for operations teams. Spawn new instances and edit policies without deploying new architecture or waiting on improvements and updates from vendor solutions.

**DEVOPS READY**
Service-independent components allow for contained deployment and integration into DevOps systems. The Vade MTA Builder supports all major orchestration tools, including Kubernetes, Docker, Ansible, and Chef.

## Autonomous Development and Testing

Leveraging the Go framework, the Vade MTA Builder simplifies development and testing of new modules. Run policy tests in one command, discover bugs and dysfunctions in a test environment, and ensure that policies integrate safely before rolling out policy changes in production. The Go testing framework allows teams to operate independently from vendors and eliminates the need for development of new, complex frameworks requiring deep technical experience:

• Services layer control via policy
• REST APIs for Queues, Statistics, etc.
• Light TOML/JSON configuration for port binding and OAM configuration

## Ease of Operations and Deployment

Integrate your SOC and SOAR systems with the Vade MTA Builder via REST APIs, provided by Vade. Automate incident response and configure alerts through standard monitoring systems, including Prometheus and Splunk:

• Log aggregators ready (JSON, ELK, Splunk)
• Stats aggregators ready (Prometheus, InfluxDB)
• Route/delete messages from queue

**VIRTUAL QUEUES**
• Abstraction logic (by domain, IP, COS)
• Exposed via REST API call as JSON
• Delivery profiles

**DEPLOYMENT**
• On-prem or off-prem
• Any recent Linux-based operating systems supported
• Container ready (standard Kubernetes logging and monitoring)

**REST MANAGEMENT INTERFACE**
• Real queue actions (offload, upload, retry)
• REST API actions trigger regular policy loading

**SUPPORT**
• 24/7 technical support
• Dedicated account services
• Migration services