

USA.NET® Transport Layer Security (TLS) Encryption Services



EMAIL ENCRYPTION HAS TRADITIONALLY BEEN BEYOND THE GRASP FOR MOST BUSINESSES. THAT IS UNTIL NOW. WITH USA.NET TLS ENCRYPTION SERVICES, ENCRYPTING INFORMATION SENT VIA EMAIL IS AFFORDABLE, SIMPLE TO IMPLEMENT AND REQUIRES NO END USER INTERVENTION.

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You run your business.
We'll run your eMessaging.®

ADDITIONAL LAYER OF SECURITY WITHOUT COMPLEXITY

It almost goes without saying that email has become the dominant channel for business communications. Everything from meeting requests to messages containing highly sensitive business or client information is sent by email. Therefore, businesses are becoming progressively more interested in finding ways to further protect the security and privacy of this vital communication channel. Email encryption is becoming increasingly important to corporate users to provide that additional protection; however, it has been historically difficult for companies to implement due to its complexity and cost.

USA.NET's implementation of email server to email server Transport Layer Security (TLS), a popular encryption standard, provides another important layer in assuring our customers are operating with optimal security that is both affordable and transparent to end-users. USA.NET offers both Standard and Enforced TLS Encryption Services.

STANDARD TLS SERVICE WITHOUT EXPENSE

As an extra layer of message security, USA.NET now provides standard email server to server TLS service for all USA.NET Microsoft Exchange, CMS and eArmor customers at no additional charge. Current customers don't have to "do" anything to receive the benefits of this service. If a USA.NET customer is sending or receiving email to/from another organization that also supports TLS, a TLS connection will automatically be established and the email message will be sent or received encrypted. If the sender/receiver messaging infrastructure doesn't support TLS or a TLS session is unavailable, then the session will send and receive email messages utilizing USA.NET's normal SMTP delivery.

ENFORCED TLS SERVICE

As an enhanced service, USA.NET also provides the Enforced server to server TLS Service. With Standard TLS, encryption will take place only if both parties use TLS and can negotiate the session. With Enforced TLS, encryption to predetermined domains is required. Therefore, with USA.NET Enforced TLS, messages to designated domains will not be sent unless a TLS connection is available providing consistent, enterprise-wide policy enforcement.

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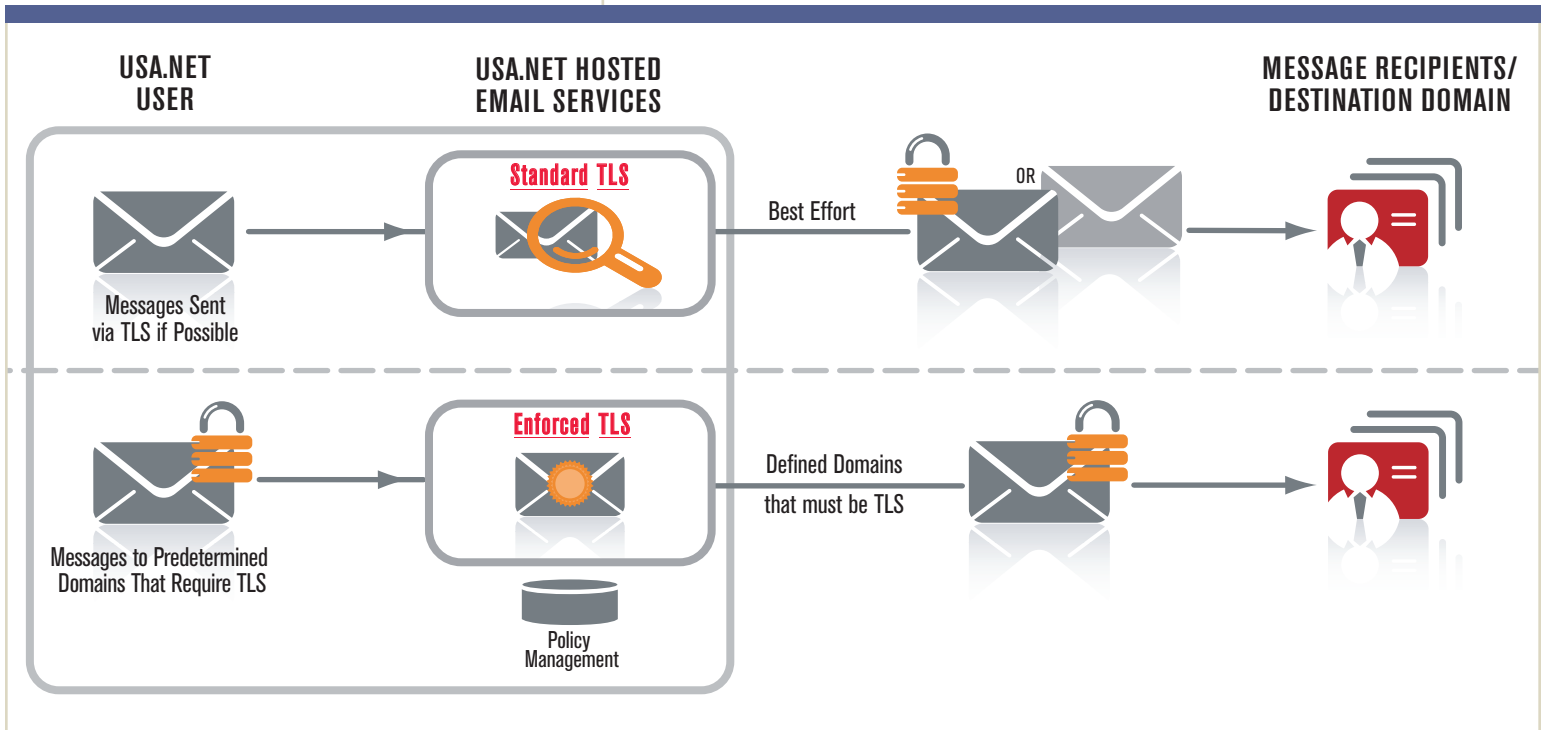
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USA.NET Transport Layer Security (TLS) Encryption Services Benefits



BENEFITS OF USA.NET TLS SERVICE:

- Additional level of message security as messages traverse the Internet
- Establish easy-to-use private, secure email communications with other organizations
- Secure inbound and outbound Internet email server connections, when supported by other services, without requiring any end user actions

ADDITIONAL BENEFITS OF POLICY ENFORCED TLS SERVICE:

- No user or administrative intervention makes automatic and real-time encrypted email communications to partners, vendors and affiliates easy and affordable
- Enforce encryption policies to selected domains
- Email delivery will be attempted for up to three days and the sender will receive notification of a delivery delay within four hours. If delivery is not possible, the sender will be notified that TLS policies could not be enforced
- Provides another security layer to assist organizations in meeting privacy and regulatory compliance requirements
- Managed by USA.NET – Cost-effective with no new hardware, software, updates or maintenance

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