A QUICK GUIDE TO TLS AND EMAIL ENCRYPTION

Email is as unsecure as a postcard traveling through the mail service. Without the proper security measures in place, it's easy for an unauthorized person to capture data in email as it travels across the Internet. To protect emails and the sensitive data they exchange, organizations can use transport layer security (TLS) or email encryption.

These methods offer varying levels of security, and it's important to evaluate their advantages, as well as how Zix can better secure your emails, before determining the email security strategy that works best for your organization.

	Mandatory TLS	Opportunistic TLS	TLS with Zix	Zix Email Encryption
TLS is simple to configure and maintain.		✓	✓	✓
Emails are guaranteed to be delivered securely.	✓		✓	✓
If mandatory TLS is not configured properly, emails do not bounce but instead are sent securely through backup methods.			✓	✓
Emails are secured through an encrypted tunnel.	✓	✓	✓	
Emails are secured at the message level, eliminating the potential for man-in-the-middle attacks.				✓
TLS is configured as an all-or-nothing method.	✓	✓		
TLS delivery is determined by policies, allowing increased delivery control based on content or recipient domain.			✓	✓
Secured emails are tracked in a reporting dashboard, providing increased visibility and an audit trail for compliance requirements			✓	✓
Secured emails are branded giving users confidence that the message and attachments were properly protected.			✓	✓
Replies are secured, ensuring the original content of the message and any responses are protected.				✓

A Reliable Email Security Strategy

Trusted by more than 14,000 business customers, Zix Email Encryption provides broader value and is fundamentally more secure and reliable than TLS. However, if your organization is considering TLS as an additional component of your email security strategy, reduce the disadvantages of mandatory and opportunistic TLS by leveraging the unrivaled benefits of superior TLS with Zix.

To learn more, view our TLS eBook or register for our bi-weekly demo.