



TitanHQ™

# EncryptTitan

## Email Encryption for MSPs & Enterprises



EncryptTitan is a full featured encryption system that allows users to exchange information securely by way of email. EncryptTitan provides organizations with the tools needed to adhere to state and federal privacy regulations while protecting their organization.

When an encrypted message is sent with EncryptTitan, it is protected to ensure the message can be safely sent without the contents of the email being disclosed or tampered with. End-to-end email encryption provides an additional layer of defence for organisations, to prevent potential data loss and for legal compliance. Email messages are encrypted by the sender and can only be decrypted by the intended recipient on their device.

### Why do Organisations Need Email Encryption?

The rise in cyberattacks, organisations are implementing email encryption solutions for many reasons. The main reasons organisation for deploying email encryption as part of their layered defence to cyberattacks include:

#### COMPLIANCE

- Potential fines/ penalties
- Reporting to authorities
- Data breach protection

#### DATA LOSS PREVENTION

- Employees sharing unsecured data
- Employee misuse of email

#### BRAND PROTECTION

- Safeguarding of private information
- Avoidance of litigation & bad press
- Build customer trust
- Full traceability of emails sent and read

### EncryptTitan

EncryptTitan is an email encryption service which secures messages and stops accidental and deliberate data leaks. EncryptTitan encryption is delivered via conditional TLS and/or a secure web portal. It enables users to encrypt e-mail messages either by using subject line keywords and/or content filters that have been configured on SpamTitan or by using the EncryptTitan Outlook plug-in. EncryptTitan can be configured to deliver encrypted messages using a conditional TLS methodology (called TLS-Verify) as the preferred method of delivery so that the recipient does not have to take any additional steps in order to read the encrypted message.

If the conditions of the TLS-Verify delivery method are not met, EncryptTitan will automatically deliver the message to the secure portal requiring the recipient to authenticate. By default, senders will receive an encryption confirmation receipt that includes a tracking code and easily allows the sender to audit access to the email and/or “recall” the message thus preventing the message from being viewed.

### EncryptTitan Vs Office 365 Message Encryption

Office Message Encryption (OME), Microsoft’s email encryption service, works with Office 365 and helps protect sensitive emails. Recipients of encrypted messages who use Office 365 will be able to read those messages in Outlook by using their Office 365 credentials. Other secure message recipients can view the message in the OME portal after logging in by way of a one-time code or social media login credentials.

Organisations need a 3rd party solution for Email Encryption as Office 365 message encryption does not guarantee a full protection against threats. EncryptTitan integrations with Office 365 and has a seamless integration with Outlook. It has an available Outlook plugin that gives a user access to powerful options including the ability to set the number of days a secure message is accessible to the recipient.



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### EncryptTitan Vs Office 365 Message Encryption Feature Comparison

	EncryptTitan	Office Message Encryption (OME)
<b>Target Users</b>	Customers looking for a full feature encryption service and/or message that offers multiple deliver methods and is recipient friendly.	Office 365 customers looking for easy to use email encryption without using a third-party solution
<b>Sending Mail with Encryption</b>	EncryptTitan can be used as a Secure Message Centre, offering the ability for a customer to self-register, login, and "compose" a secure message to send to anyone within your domain; all without first receiving a secure message.	Allows for the sending of encrypted emails both inside and outside an organization. For O365 customers it's a seamless process, however if recipients use any other service they are redirected to a portal page.
<b>Configuration Controls</b>	Configuration notifications including read receipts, that include a message recall function and full auditing of a message; auditable events include read, print, save delete and reply.	OME users have control options available to them that includes the ability to restrict forwarding and printing of encrypted messages.
<b>Notifications</b>	Secure email recipient reminder notifications so that secure messages are not dismissed. Configuration notifications including read receipts.	Not available, OME does not provide a notification / confirmation that an email was sent out as encrypted.
<b>Setup and Migration support</b>	Dedicated concierge setup along with easy office 365 and Google G-Suite integration. Full support during POS and after sales technical support.	Not available, there is no support for migration and setup for O365.
<b>Integration with Office 365 &amp; Google g-Suite</b>	Yes	Office 365 Only
<b>Automatic Policy Based Encryption</b>	Yes	Yes
<b>Multitenant</b>	Yes	No
<b>Branded Portal</b>	Yes	No
<b>Cloud Based</b>	Yes	Yes
<b>Excellent Analysing &amp; Reporting Capabilities</b>	Yes	No
<b>TLS with Host Verification</b>	Yes	No
<b>DLP and Keyword Filtering Encryption</b>	Yes	No
<b>Email Auditing &amp; Recall</b>	Yes	No



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### EncryptTitan Deployment Options

#### KEYWORD POLICY-BASED ENCRYPTION

- Customer will select a keyword that employees can add in the subject line of an email to force the mail to be encrypted.
- This will either be sent over TLS 1.2 or higher (HIPA Compliant) or sent through our secure portal.  
This can be selected at the onboarding stage.

#### OUTLOOK PLUG IN

- The outlook plug in can be used along with our keyword encryption deployment, where the user can select which emails to be encrypted for the add in.
- Provides a user with access to powerful options including the ability to set the number of days a secure message is accessible to the recipient.

#### DLP BASED ENCRYPTION

- This is where all outbound mail would have to be sent through our EncryptTitan servers.
- EncryptTitan has pre-built DLP policies and settings that will look for regular content in the message body or attachment to automatically encrypt messages.

### Why Customers are choosing EncryptTitan over OME?

Office 365 is a great email service provider, however it lacks in the areas of email spam filtering, email encryption and email archiving. Hence additional 3rd party solutions are critical for organisation to create a strong email defence barrier from cyberthreats, phishing, ransomware and data protection.

Office 365 Email Encryption, OME, simplifies secure messaging for senders, however decrypting email messages is found to be more difficult for recipients. To ensure that encrypted messages can be opened, organisation may need to pay for TLS connections for business partners, or they may not be able to use OME when a TLS connection is not available.

O365 end-users can only use OME as long as they are using Office 365 Plan E3, Plan E5 or have an Azure Information Protection licence.

To view an encrypted message, the O365 user can has to receive a code to the same email address, many users feel that this process seems like this splits the encrypted message into two emails.

[View EncryptTitan Demo >>](#)



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