Unipass Mailock Gateway Technical Information

Unique, enterprise level secure email,
that's simple and easy to use.

Unipass MAILOCK

powered by Beyond Encryption

Email encryption specifically designed for the Financial Services Industry.

Unipass Mailock is a secure email solution from Origo and Beyond Encryption that integrates seamlessly with existing email systems to protect businesses and their customers from data theft and identity fraud. It is the only secure email solution specifically designed for the needs of scaled Financial Service firms who need to deploy a secure email solution across large numbers of staff, customer contact centres or advisers.

Unipass Identity is the trusted industry authentication and access solution used by over 45,000 financial advisers. Unipass Mailock builds on this trusted solution with Unipass Identity integration at the heart of this secure email product. Businesses can deploy the Unipass Mailock Enterprise Gateway into their corporate infrastructure to achieve the highest standards of email security.

Implementation of Unipass Mailock at the Gateway level ensures everyone in our organisation has access to the service as default, there is no change in the business process for staff sending or receiving emails, and no change to automated services handling email traffic.

Mark Bradley, Proposition Manager Aegon

- Simple integration to your organisation's infrastructure
- Seamless integration with Unipass Identity - for Financial Advisers
- Increasing customer choice
- Protecting brand and reputation
- Risk mitigation
- Significant cost savings
- Reduced environmental impact
- Enhancing customer experience
- Tailored integration to all business systems - no matter the size

Origo

Origo is a leading FinTech company dedicated to improving the operational efficiency of the UK's financial services industry by working with companies, government and other industry bodies to develop transformational solutions and services.

Beyond Encryption

Beyond Encryption is widely recognised as a market leader in providing secure communication platforms to corporate businesses, SME's and individuals.

Key features

Simple integration into your IT Infrastructure

- The Unipass Mailock Virtual Appliance (VA) can be easily integrated into your corporate IT infrastructure in a matter of hours to encrypt emails on demand.
- The solution is highly configurable and allows complete control of your encrypted email files.

Virtualisation

- Support provided for VMWare and Hyper V (others on request).
- Ubunto 20.04 server running single docker swarm (19.03) node.
- Gateway applications are all dotnet 5.0

Resilience built in

- The secure messaging website and core API (Application Programming Interface) are deployed across multiple Microsoft Azure data centres as a high availability application benefitting from Microsoft's built in scalability, resilience, disaster recovery and back up capabilities.
- Penetration tested by a Lloyds registered company.

Encryption Capability

- Unique key management system attaches one key to the notification email shared directly (via your email system) with your recipient ensuring that Origo/B.E. have no access to your content.
- Outbound emails are secured using Unipass (for Unipass Identity holders), or a One Time Passcode (OTP) email verification.
- Uses Advanced Encryption Standard (AES) 256-bit encryption.
- All messages are encrypted in transit and at rest within the Gateway. Messages are never exposed to IT administrators.
- Secure Simple Mail Transfer Protocol supported.
- Server side encryption/decryption respects all other software in the SMTP mail flow such as CRM, Anti-virus, Server Side Signature, Data Loss Prevention.
- The gateway makes using shared mailboxes completely seamless as the encryption/decryption is performed server side.

Simple read and reply options

- Customers can read and reply to emails for free.
- A client side integration adapter for Microsoft Outlook for Windows enables customers to seamlessly open emails using their Outlook email client.
- Customers can also use the secure messaging website to read and reply to secure emails if they prefer to use the non download option.

Your Branding across all emails

- Your company information and logo will appear on the notification email to your customers and on the secure messaging website.

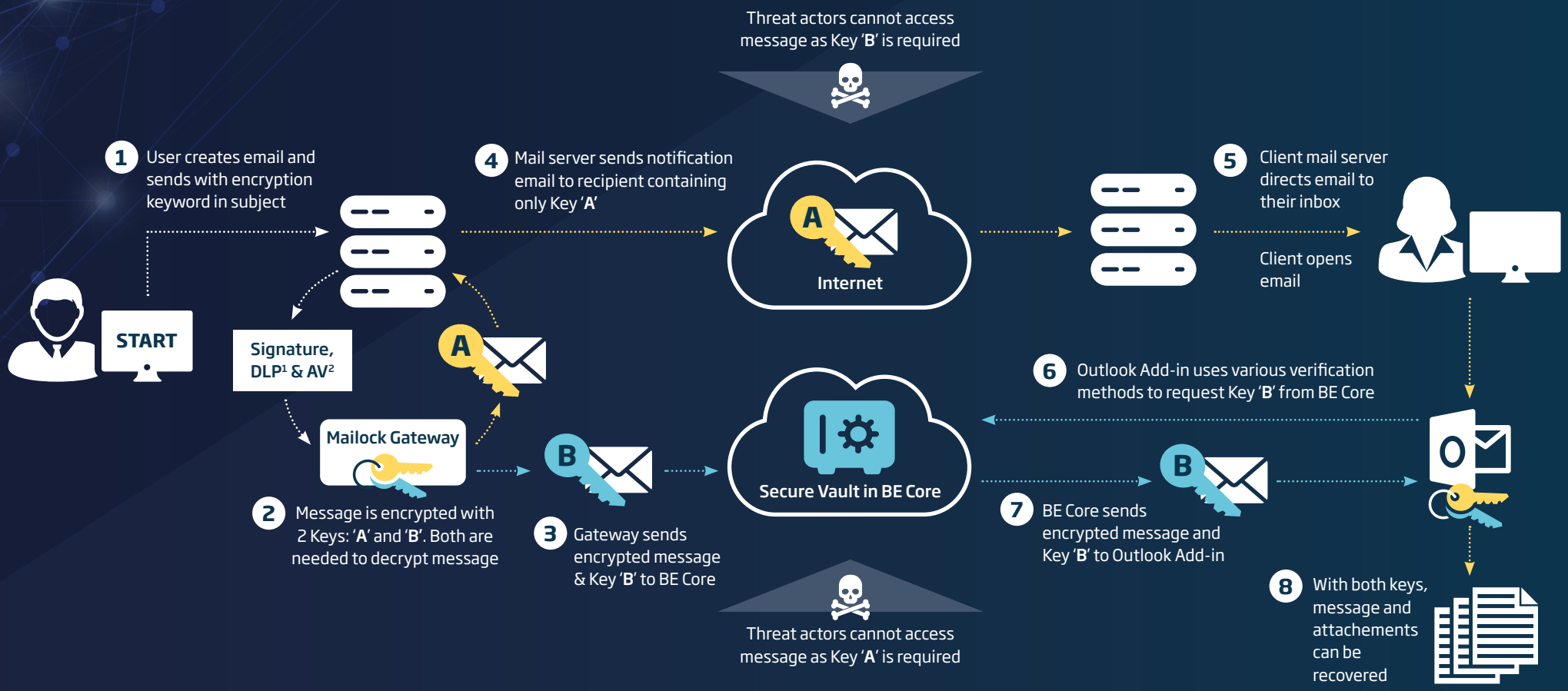
Documentation and Support

- An administration website providing company-wide configuration capabilities to the Company/IT administrator.
- Comprehensive technical deployment and configuration documentation including upgrade policy is available.
- Support for the installation and configuration of the service will be provided.
- Ongoing support and communication will be provided by the Unipass Helpdesk.

Upgrade Capability for Automation/ Bulk Email sending

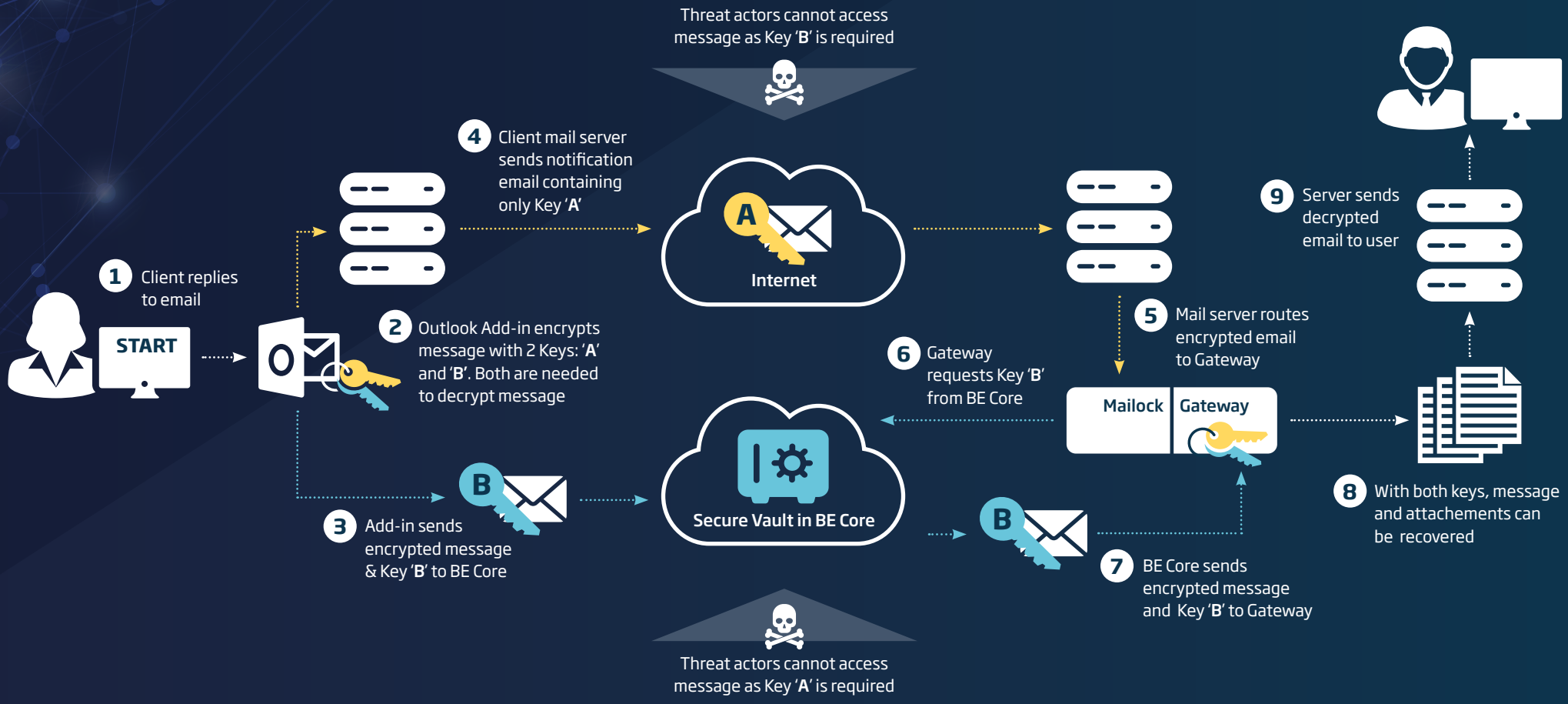
- Unipass Mailock Automated Edition allows messages to be batched and annotated for revocation and management information purposes.
- The recipient identification verification method/ process can also be defined.

The Gateway: Outgoing message



[1]DLP: Data Loss Prevention
[2]AV: Anti-virus

The Gateway: Reply message



For further information and enquiries please contact us:

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