



Echoworx Email Encryption: Latest Features, Most Requested & Roadmap





Introduction

In today's world, where online threats are always changing, securing digital communications has never been more critical. After a period of stagnation, email security is said by Forrester to be entering a golden age of innovation, driven by mass migration to cloud email and the extensive application of APIs. Echoworx's latest eBook helps you understand how email encryption is changing, highlighting not just technological advancements but also a strategic approach to email security.

Echoworx provides a sophisticated solution that integrates seamlessly, highlighting robust multi-vendor strategies. This ensures its offerings can be effortlessly incorporated into existing company systems. Its guide showcases customer-focused features such as the M365 Outlook add-in, passwordless login, SMS verification for two-factor authentication, and sophisticated key management. With responsive updates, improved user management, and multilingual support, Echoworx strives to make using encrypted email easy and reliable for everyone, anywhere.

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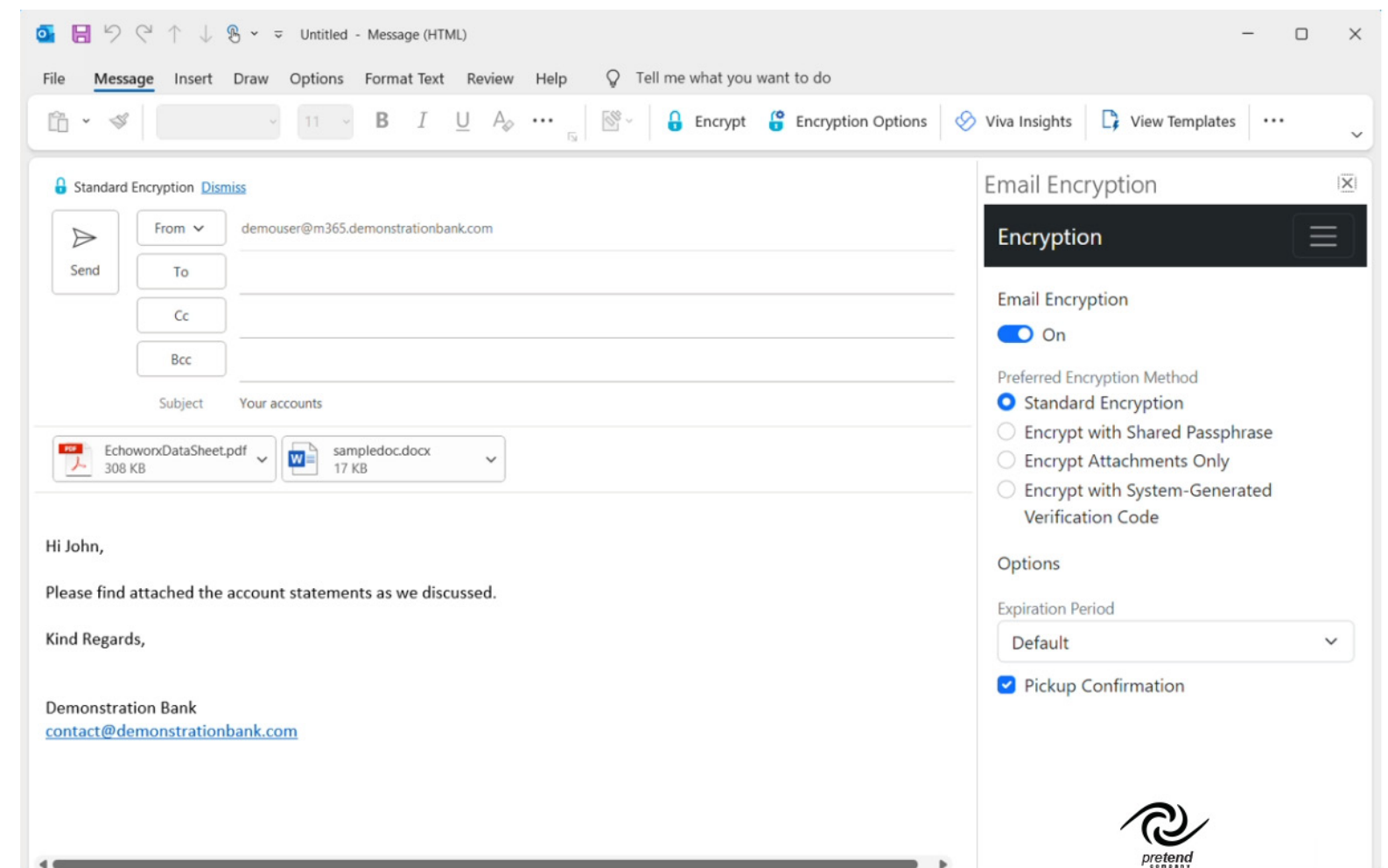
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Cross Platform Add-in For Outlook

Echoworx has introduced a cross-platform M365 Outlook add-in, in response to customer demand for a more streamlined email encryption solution.

Unlike the traditional COM add-in, this hosted version requires no software installation and is managed directly by Echoworx. It offers a consistent experience across Outlook on Windows, Mac, and the web, catering to diverse user preferences and devices. The add-in retains familiar features such as keyword-based encryption and policy-based encryption while providing enhanced accessibility and flexibility. Its web-based nature also simplifies deployment for large enterprises, eliminating the need to manage software on numerous workstations.

Echoworx ensures a smooth transition for existing customers, offering various migration options and customization features to tailor the encryption process according to specific organizational needs. The add-in's user interface can be personalized to streamline the encryption process and reduce potential errors. With this innovation, Echoworx aims to empower users to encrypt emails effortlessly and enhance data security across platforms.

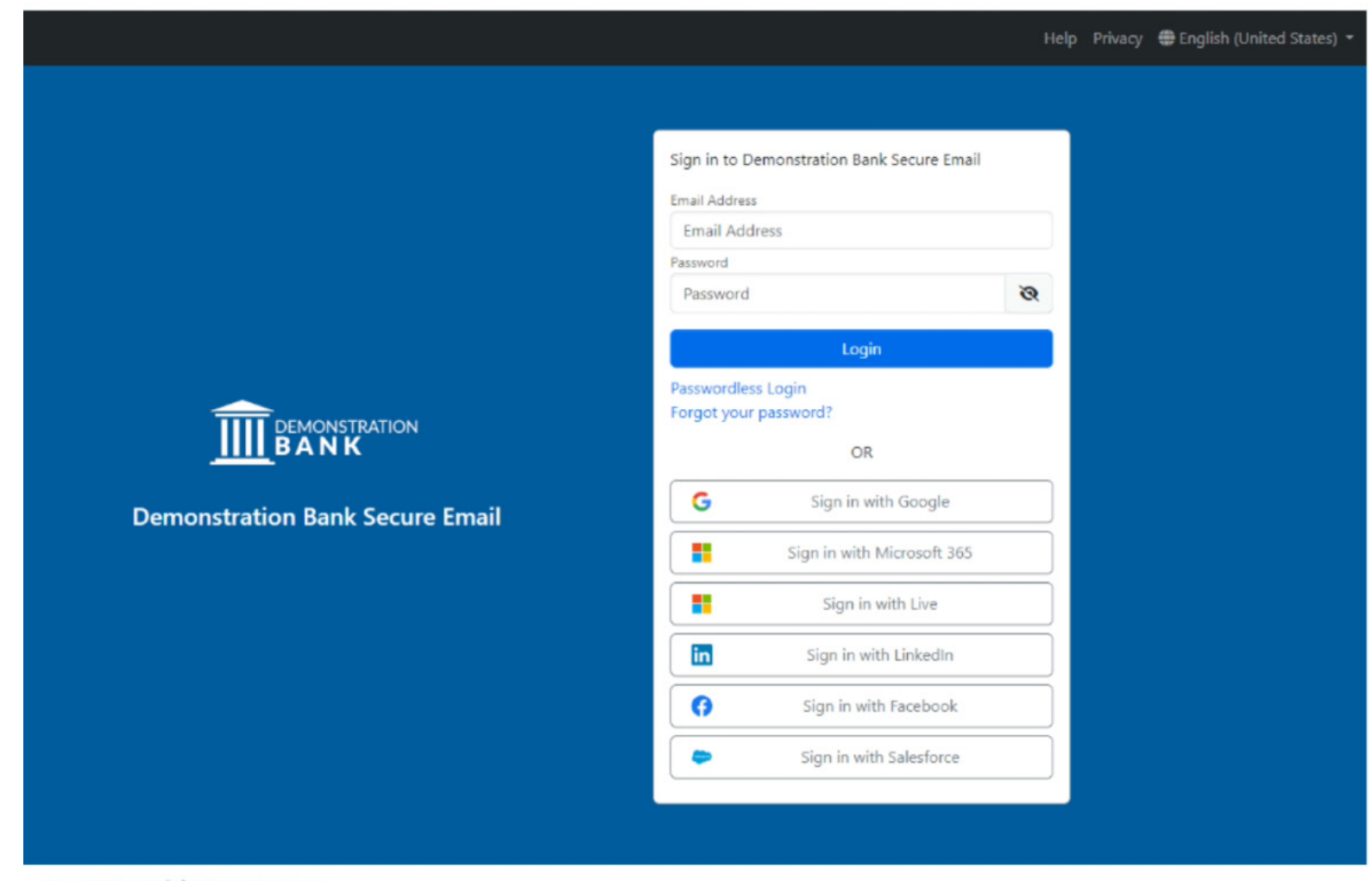


Revamped Recipient Login Page

Echoworx has revamped its recipient login process, integrating redesigned social connectors for a more convenient and secure experience.

Traditionally relying on username and password authentication, the company has shifted towards a simpler approach by allowing users to log in with their existing Google or Microsoft accounts via OAuth. These updated social connectors not only streamline the login process but also significantly improve accessibility and localization. This enhancement ensures that global users can securely access their encrypted emails with ease, ensuring compatibility with screen readers and simplifying use for everyone.

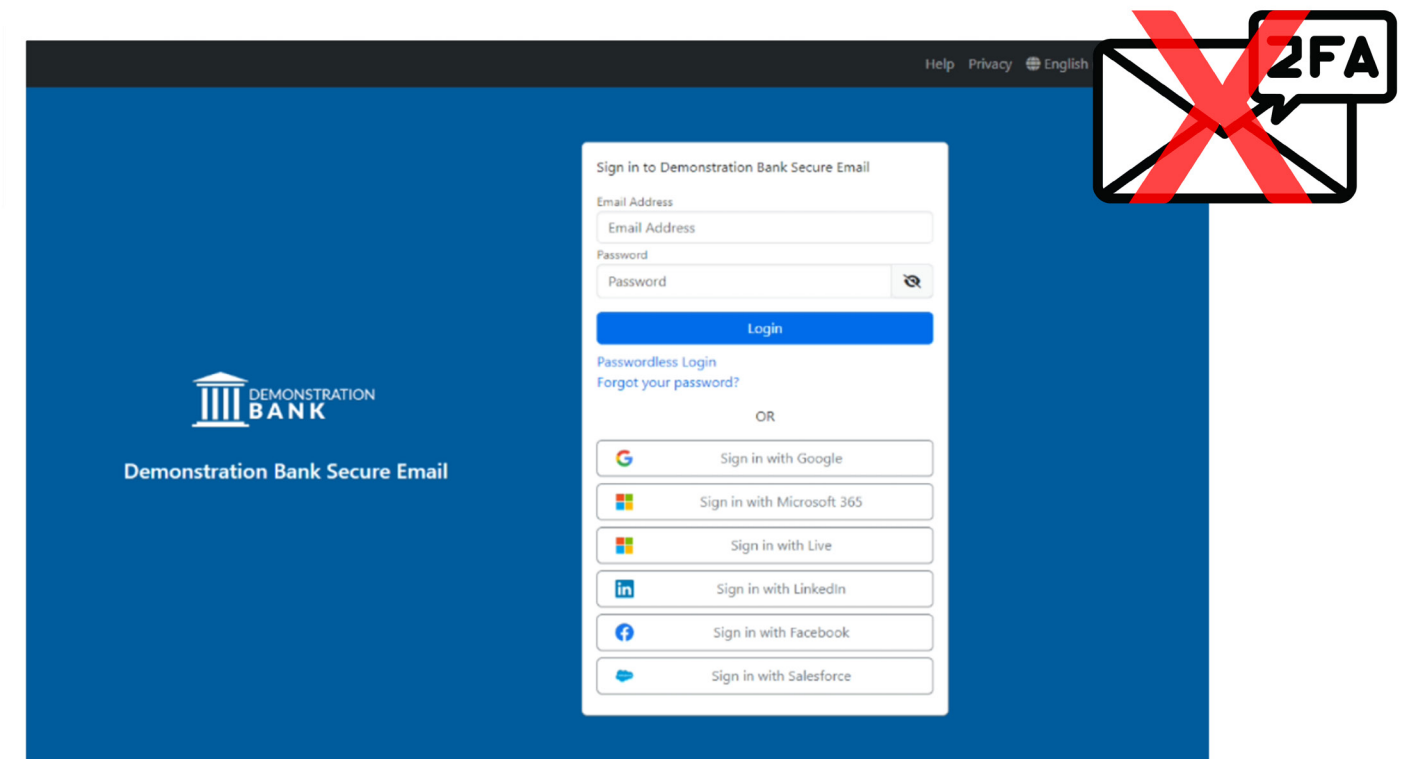
Echoworx mitigates concerns about third-party access by adhering to stringent vendor agreements and ensuring that data exchanges are confined exclusively to email addresses. Through the introduction of self-registration and expanded login choices, it significantly lowers the volume of help desk inquiries, thereby enhancing overall user satisfaction. Furthermore, the portal's design is fully responsive, ensuring a seamless and adaptable user experience across all devices, regardless of the screen size or operating system. Echoworx continually refines its interface, focusing on achieving a balance between consistency and ease of use for all its users.



Hassle-free Portal Access

Echoworx has enhanced security and streamlined access with customizable, hassle-free login options, reducing verification costs and boosting convenience for trusted devices.

Configure your login to skip 2-step verification on trusted devices for up to 45 days – a customizable feature designed to save you costs on SMS texts. Choose flexibility and convenience for all users or let them personalize their prompt experience.

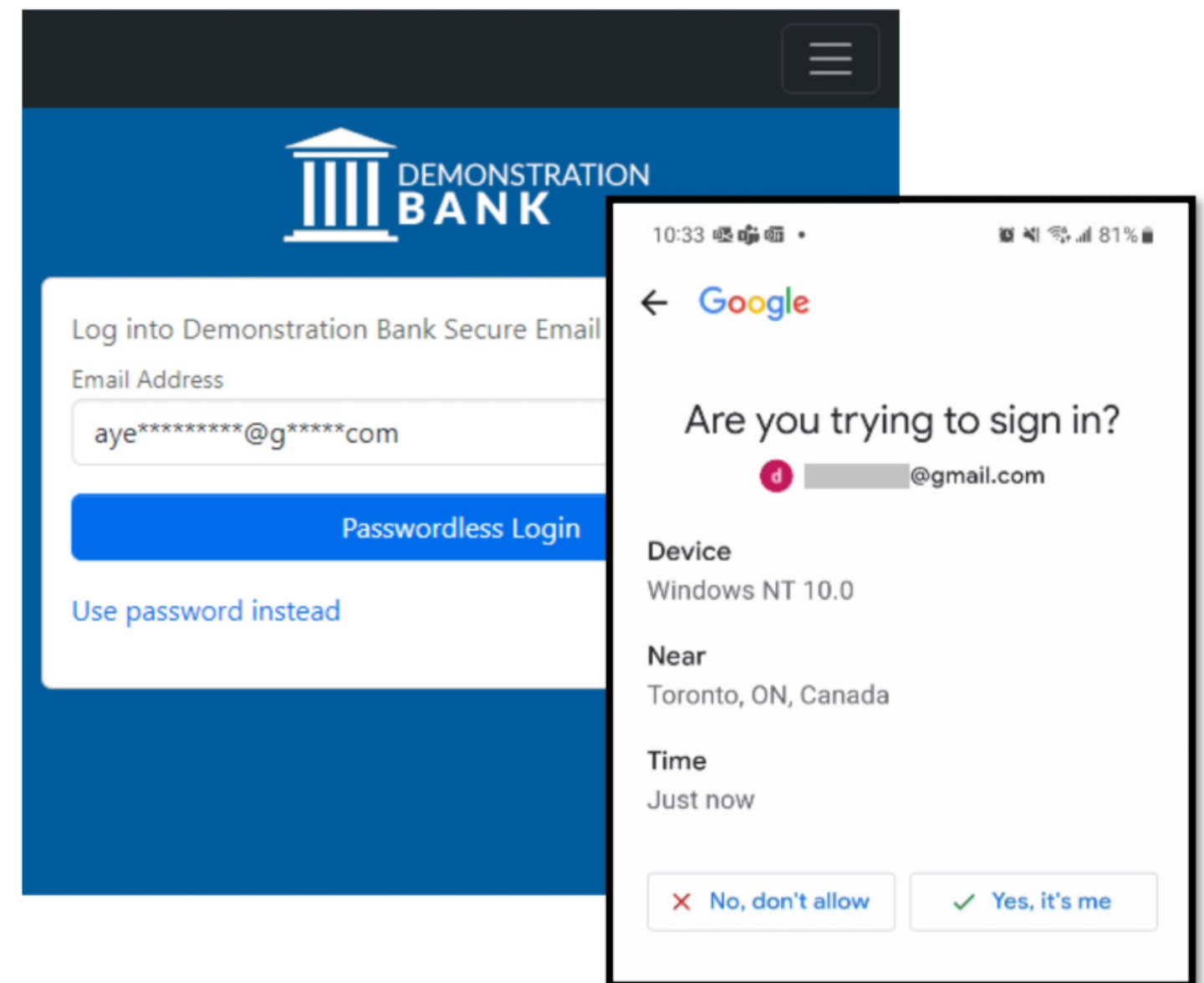


Passkey Support For Passwordless Login

Echoworx has unveiled a new feature that elevates the passwordless login experience: Passkey support.

This addition builds on the foundation of device-based authentication provided by the FIDO2 standard, allowing users to securely store their passwords within the Passkey password manager. Offering both mobility and convenience, this feature enables users to access their accounts from any device, eliminating the need for password entry. Opting for Passkey registration remains a choice, letting users decide on its adoption based on their technological comfort and preferences.

The launch of Passkey support is announced through product updates, granting users the flexibility to enable or disable the feature effortlessly, ensuring no disruption to the service. This adaptability meets the varied preferences and needs of users, ranging from those who favor traditional login methods to those in pursuit of greater security and convenience. Through the introduction of Passkey support, Echoworx reaffirms its commitment to delivering user-focused features and seamless integration, enhancing the security and usability of email encryption services.

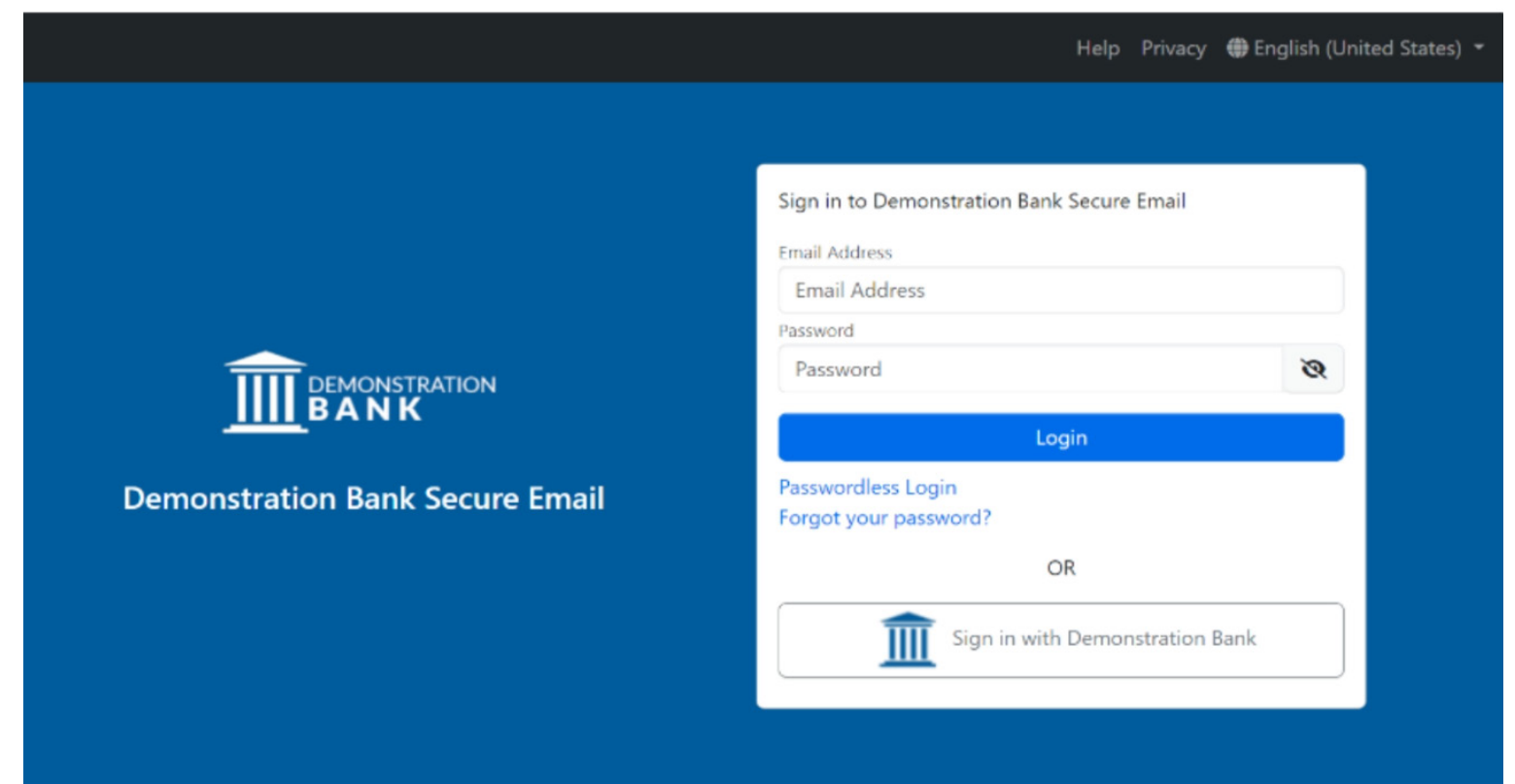


OpenID Authentication

Echoworx has enhanced its login procedures for enterprise users by integrating OpenID Connect authentication, seamlessly linking with existing customer directories.

This innovation meets the growing demand for more sophisticated authentication solutions, providing flexibility to accommodate diverse user groups. By merging OpenID Connect with conventional login techniques, Echoworx ensures that its platform is accessible to everyone, thereby reducing help desk inquiries and catering to a wide range of user preferences.

Businesses with a customer database that supports OpenID authentication can now offer their customers the convenience of accessing Echoworx using their existing credentials. This improvement not only makes the login process smoother and more secure but also addresses a frequent point of user frustration.

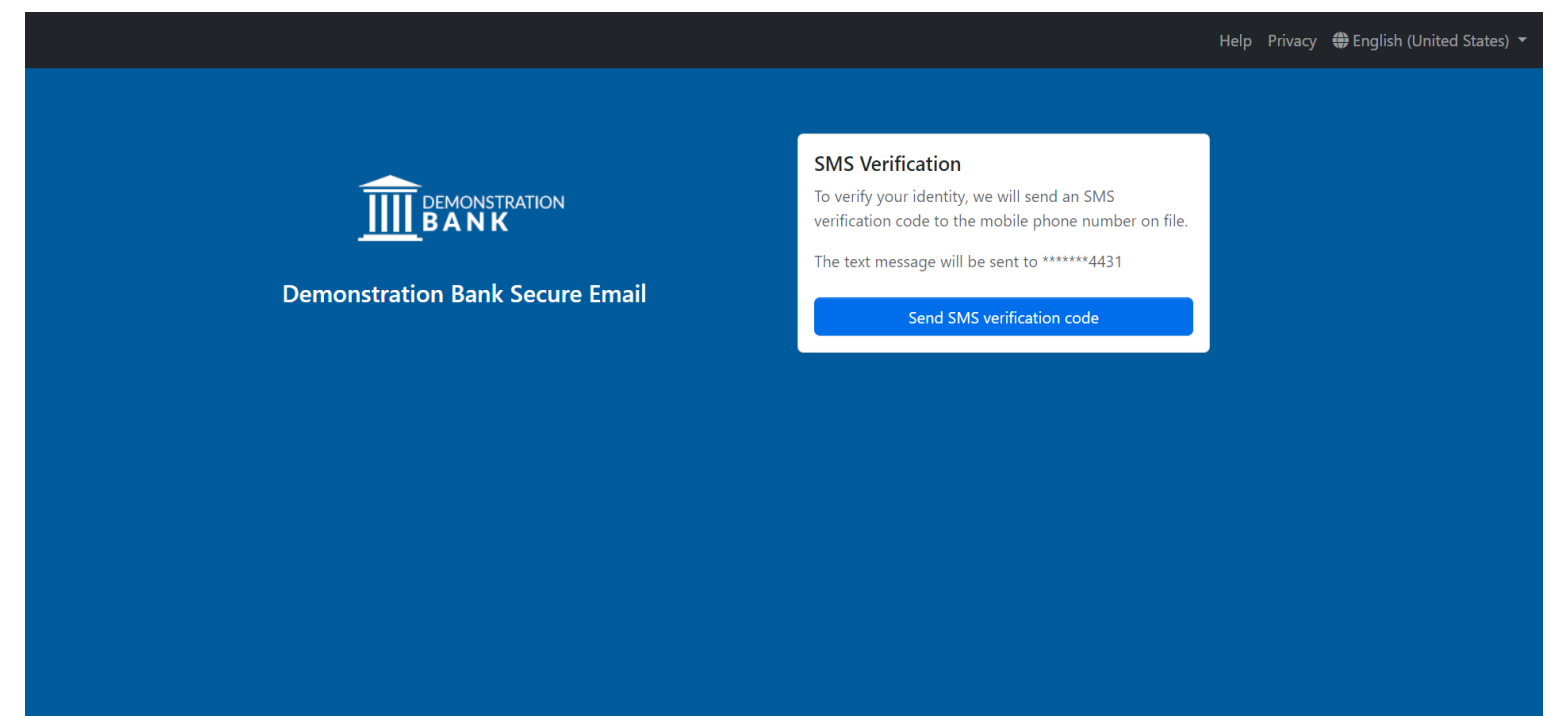


SMS Authentication

Echoworx has introduced SMS verification, a significant step towards strengthening security by utilizing per-message or per-user authentication methods, eliminating the need for passwords.

This aligns with the trending adoption of Multi-Factor Authentication (MFA) and the overall shift towards Zero Trust Architecture, pointing towards a future where secure, passwordless access becomes the norm. Now, a registered recipient can enable SMS and/or TOTP Authenticator App verification and select their preferred method during login, giving them the flexibility to pick the method that best fits their needs. By integrating SMS verification with its Outlook add-on and Twilio, Echoworx ensures a streamlined and intuitive authentication process, enhancing the user experience in secure message delivery.

Echoworx's ongoing development of user-centered features represent a comprehensive strategy for protecting email communications in 2024 and beyond. This approach not only enhances the overall email encryption experience for all users but also emphasizes the importance of staying ahead in cybersecurity practices.



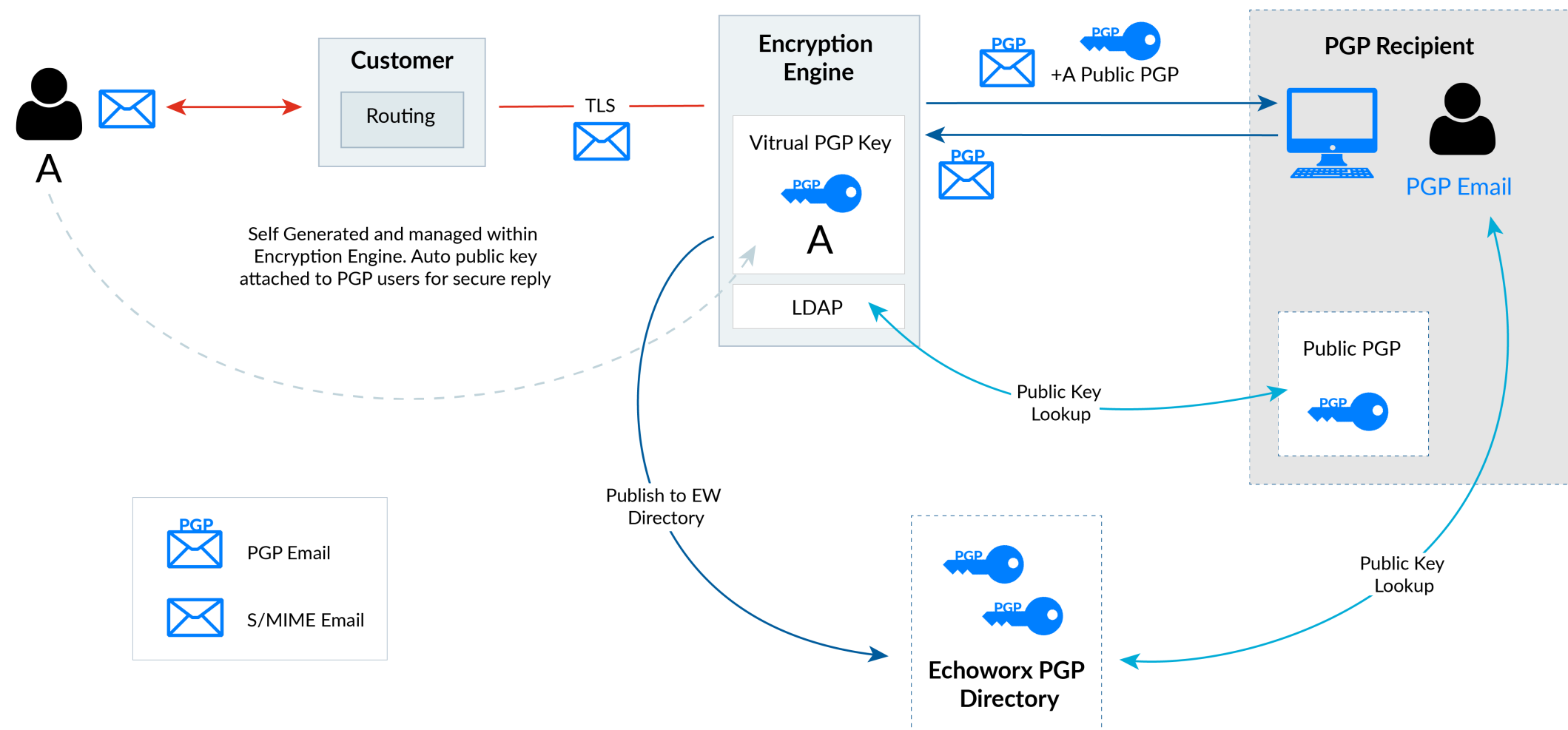
Certificate-based Encryption Enhancements

Echoworx has upgraded its certificate-based encryption services, including S/MIME Auto Key Generation.

Now offering seamless integration with DigiCert for S/MIME key generation, we ensure your internal communications are protected by globally trusted certification. With DigiCert ONE, S/MIME key generation is done for you, managing and storing your keypair within the Echoworx Gateway for convenience and security. This upgrade helps onboard new employees by automatically issuing S/MIME certificates, removing manual steps and integrating encryption into your email workflow.

Additionally, our harvesting feature simplifies key management by automatically collecting public keys from incoming messages. And for those instances where recipients need S/MIME encryption but lack credentials, our platform now enables automatic credential generation directly within the recipient secure portal.

Furthermore, registered recipients can now conveniently upload their PGP or S/MIME public certificates directly through the Echoworx Portal, thanks to our enhanced S/MIME and PGP certificate upload experience. This streamlines the process, eliminating the hassle of separate invitation emails and unbranded pages.

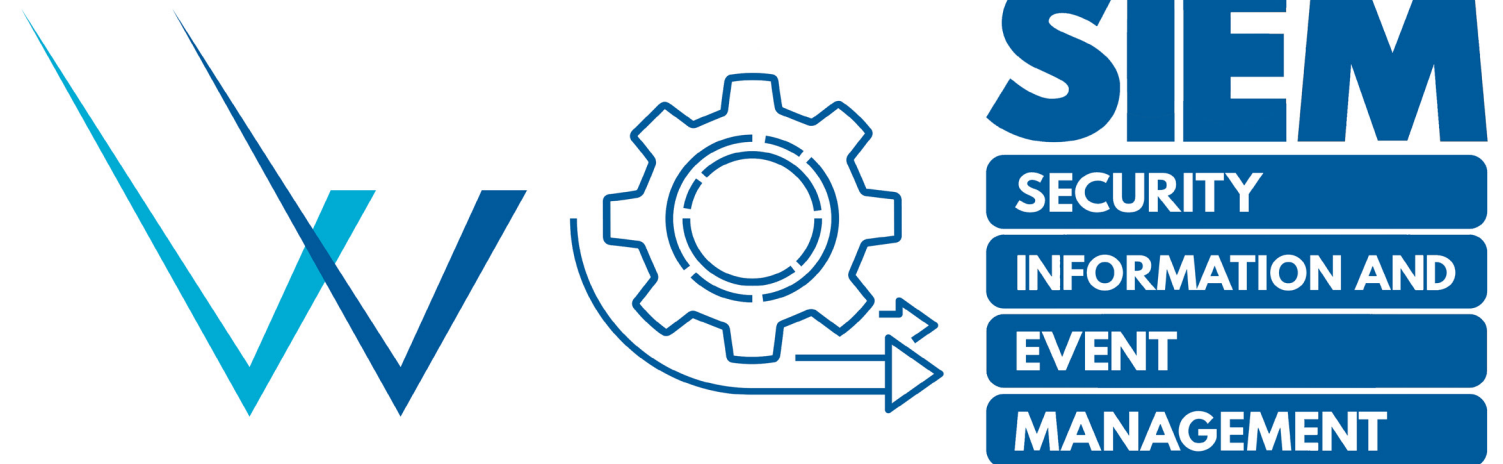


API Keys for External APIs

Unlock seamless integration and enhanced security with our new API access tokens for SIEM and Profile Management.

Echoworx is also expanding its integration capabilities with SIEM systems through the use of API keys for authentication. SIEM integration and Profile Management APIs can now use API access tokens for authentication, replacing username and password basic authentication.

This advancement in SIEM logging empowers customers to integrate audit logs seamlessly, providing real-time access to encryption-related data, thereby improving visibility and security monitoring within their existing frameworks.



Reminders for Admin Password Expiration

Stay secure and never get locked out with our proactive password expiry notifications.

Administrators are now sent a notification email when their password is close to expiry. Get timely email reminders 30 and 7 days before your password expires, and easily recover access through self-service if it does lapse.

These enhancements, including Admin Password Expiration, as well as, Unread Message Reminders, and Message ID Preservation, address critical security concerns while meeting everyday user needs.





IT PAYS TO BE SECURE

Echoworx goes beyond offering advanced technology by ensuring its solutions integrate seamlessly with existing systems, harnessing multiple vendor strengths for optimal security strategies. Highlighting customer-centric features like the M365 Outlook add-in, passwordless login, and SMS verification, Echoworx tailors its offerings to meet diverse global business needs. With responsive updates, enhanced account management, and multilingual support, Echoworx is dedicated to simplifying encrypted email for secure, seamless communication in today's interconnected world.

