

Echoworx Email Encryption Platform

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It is a boundary-based high-performance email data protection service designed to persistently protect your sensitive information. Consolidating email and document delivery into a unified system.

Echoworx Email Encryption: One Delivery Method

Provides organizations with the option to select a single secure delivery method from our email data protection platform.

Echoworx Email Encryption: Volume Documents

Designed for intensive demands and mass distribution, this option enables organizations to send virtually unlimited amounts of encrypted documents and secure statements.

Key Differentiators and Benefits

- **Numerous Delivery Methods (Push/Pull)**

We support Web Portal, TLS (with fallback), Full Message Encryption, Encrypted Attachments Only (PDF, ZIP, Office XML), S/MIME, and PGP. This makes it easy for both senders and recipients to use. Optimized for mobile devices. Users can choose their preferred secure delivery method, including options requiring no registration.

- **S/MIME Certificate Management**

Simplify your S/MIME process on a per-tenant basis. Automatically retrieve recipient certificates, generate new keys, and integrate with trusted Certificate Authorities like DigiCert and SwissSign. You can generate self-signed credentials or have recipients upload their own x509 certificates. Our system supports both opaque-signed and clear-signed S/MIME messages for inbound signature verification.

- **PGP Key Management**

Utilize a fully managed, cloud-based PGP solution for automated key generation, secure storage and seamless key migration. We support LDAP-based key retrieval and recipient-uploaded public keys.

- **Hardware-Backed Control**

We offer Manage Your Own Key (MYOK) capabilities alongside full Hardware Security Modules (HSM), powered by AWS KMS, with FIPS 140-3 Level 3 validation.

- **Authentication Controls and Access**

Authentication set by policy, sender, or recipient. Options including: Self-Registration, Sender Set Passphrase, Social Connectors (OAuth), OpenID & Single Sign-On (SSO), System-Generated Verification Codes, and Two-Factor Authentication (2FA). We also support biometrics like passkeys and fingerprint scanners, bringing consumer-grade ease to enterprise-grade security.

- **Extensive Brand Protection**

Safeguard your brand integrity with features like vanity domains, Brand Indicators for Message Identification (BIMI), and customizable templates. Apply brand elements across notifications to strengthen your identity and fortify your reputation. We support multi-branding through profile and template policies and ensure DMARC-compliant routing for all outbound messages.

- **Inclusive Design**

Our brand protection and interface compliance meets strict WCAG 2.2 Level AA standards.

- **Tailored Localization**

Choose from 28 language options, including double-byte characters for languages like Chinese and Japanese. Customizable inline message warnings can be seamlessly embedded in both the header and footer.

- **API-Driven Reporting and Visibility**

Echoworx simplifies the process for IT teams to access log files. You can securely pull audit data from us using API keys. Every admin action and message processing log feeds directly into your SIEM for accurate, reliable action reporting and straightforward event logging such as email opened, forwarded, and recalled.

REAP THE BUSINESS BENEFITS BY SMARTER SPENDING

With a yearly renewal rate of over 98%, we take great pride in our ability to offer the perfect marriage of email data protection and ease of use.

COST AND RESOURCE EFFICIENT

We're 100% focused on protecting the data you're sending through email. Our customer-driven roadmap delivers practical enhancements—streamlining workflows, hardening security, and reducing friction—helping you meet today's business needs while staying ahead of tomorrow's challenges.

CONTROL YOUR INFORMATION

Echoworx has data centers in the US, UK, Germany, Ireland, and Canada. Navigating modern mandates like KRITIS-DachG, NIS 2, and DORA requires second-generation encryption capabilities. We ensure your data stays closely controlled and close to home while meeting these strict, evolving regulatory requirements.

GROW YOUR DIGITAL BUSINESS

Our email data encryption platform consolidates email and document delivery into a single platform, designed to handle your intensive demands – not hinder it. Helping you realize true cost-efficiency.

INCREASE OPERATIONAL EFFICIENCY

Echoworx integrates seamlessly with your existing security stack, including Gmail, Outlook, Proofpoint, and Mimecast, while harmonizing with intricate DLP rules. Whether on-premises, in the cloud, or hybrid, our platform ensures encryption works invisibly within your workflows.

VALIDATED SECURITY ASSURANCE

We subject our security practices to rigorous audits covering all aspects of our business. Certifications include SOC2 Audit, PCI DSS Level 1 Certification, FSQS (Financial Services Qualification System), AWS Qualification, and OpenID Connect RP Certification.

