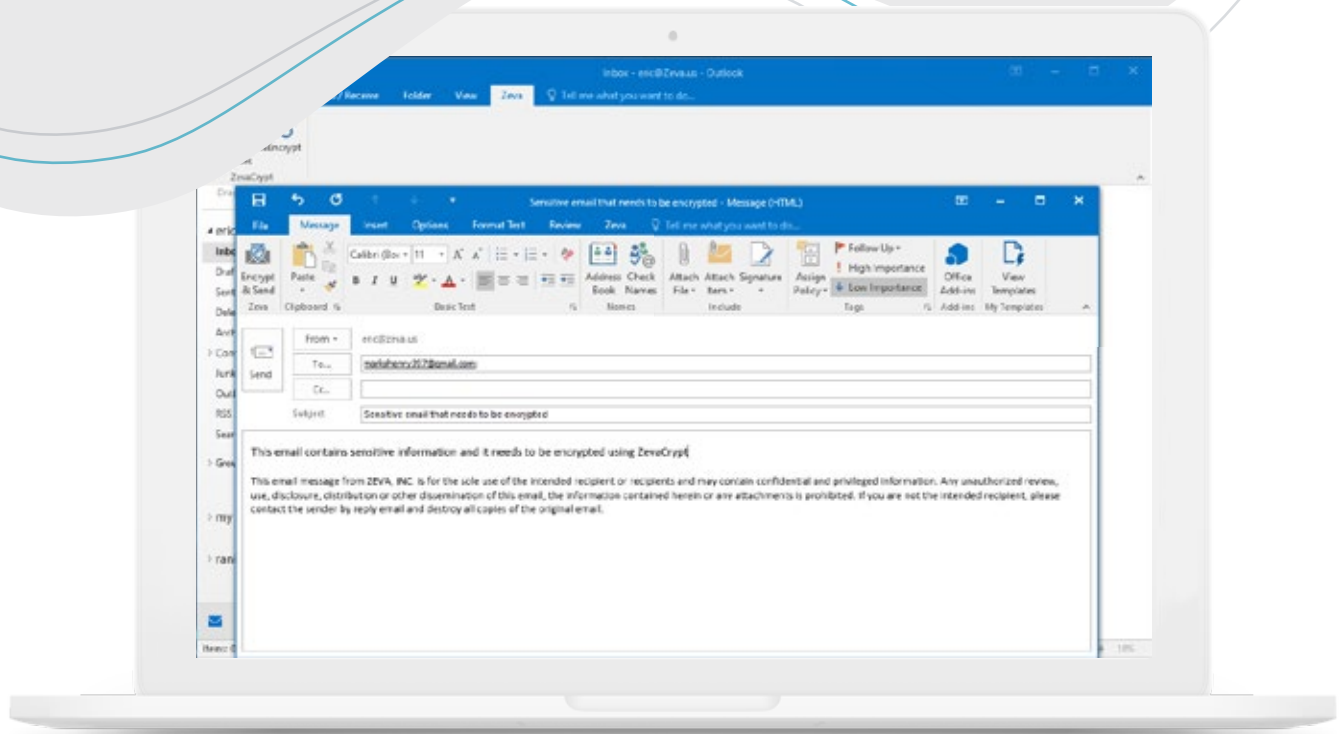




# End-to-End Encryption **MADE EASY**



# Addressing a Challenge

— Email communication over secure channels has always been one of the most difficult-to-solve security challenges, especially those struggling to enforce the use of high assurance credentials such as PIV and CAC. Meanwhile, email is our primary form of communication for both sensitive and non-sensitive information. While encrypting within the same organization is simple, email encryption across organizational boundaries is challenging and often manual. Existing PKI encryption systems don't ensure the required level of protection, and currently none of the encryption systems validate certificate policies the way they were designed to be used. In general, strong encryption must combine strong identity with strong cryptography. PKI encryption is the only means of achieving this intersection of goals. Many systems fall short, and instead offer a cumbersome external portal to access emails using a password or text message, which lacks both strong identity and strong cryptography.



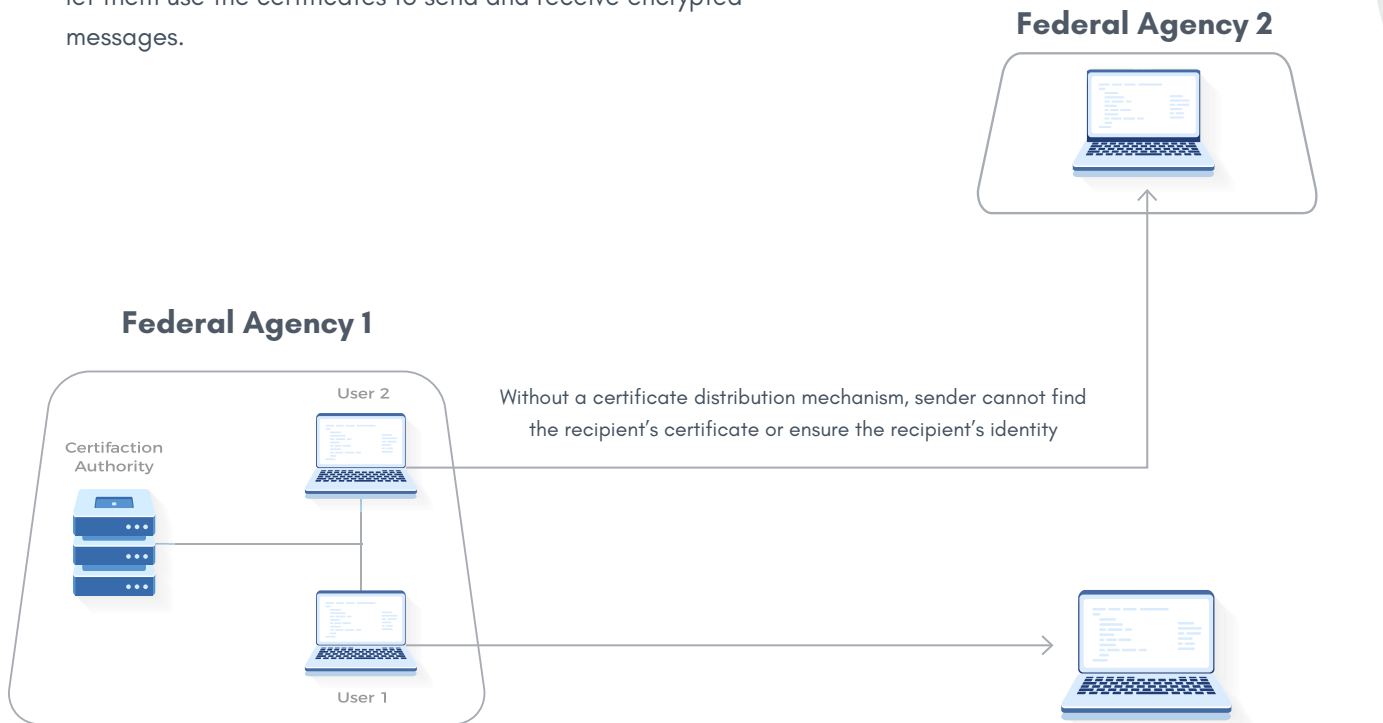
*Agencies should use PIV credentials as a method to encrypt information in transit and shared between two or more Federal employees or contractors*

OMB M-19-17

# Identity and encryption must go hand-in-hand

— The reason for encrypting email is to ensure that the content can only be read by the intended recipients. With that in mind, the sender must ensure they are encrypting to the right individual so that no one else can intercept and read the email content.

Many organizations have their own Public Key infrastructure (PKI) which issues certificates to the organization's users. These certificates are stored in the organization's directory for encryption between its employees. Using these certificates outside the organization is a difficult manual process that involves sending the certificates to external recipients to let them use the certificates to send and receive encrypted messages.



When encrypting emails within the same organization, the sender can easily locate the recipient's certificate and verify their identity, thus allowing the use of End-to-End encryption.

When the recipient is an independent individual and does not belong to any organization, discovering the individual's identity is even harder.

# Innovative Approach

— Zeva introduces its encryption service, ZevaCrypt™, a product that enables and facilitates true End-to-End encryption, mitigating effects of data breaches. Zeva's Global Encryption Directory (GED) allows tenants to send encrypted emails to recipients both inside or outside their organization. Furthermore, The ZevaCrypt™ service, an intuitive End-to-End encryption platform, allows tenants to exercise smart PKI validation of certificates by always choosing the highest assurance credential available when sending encrypted messages.

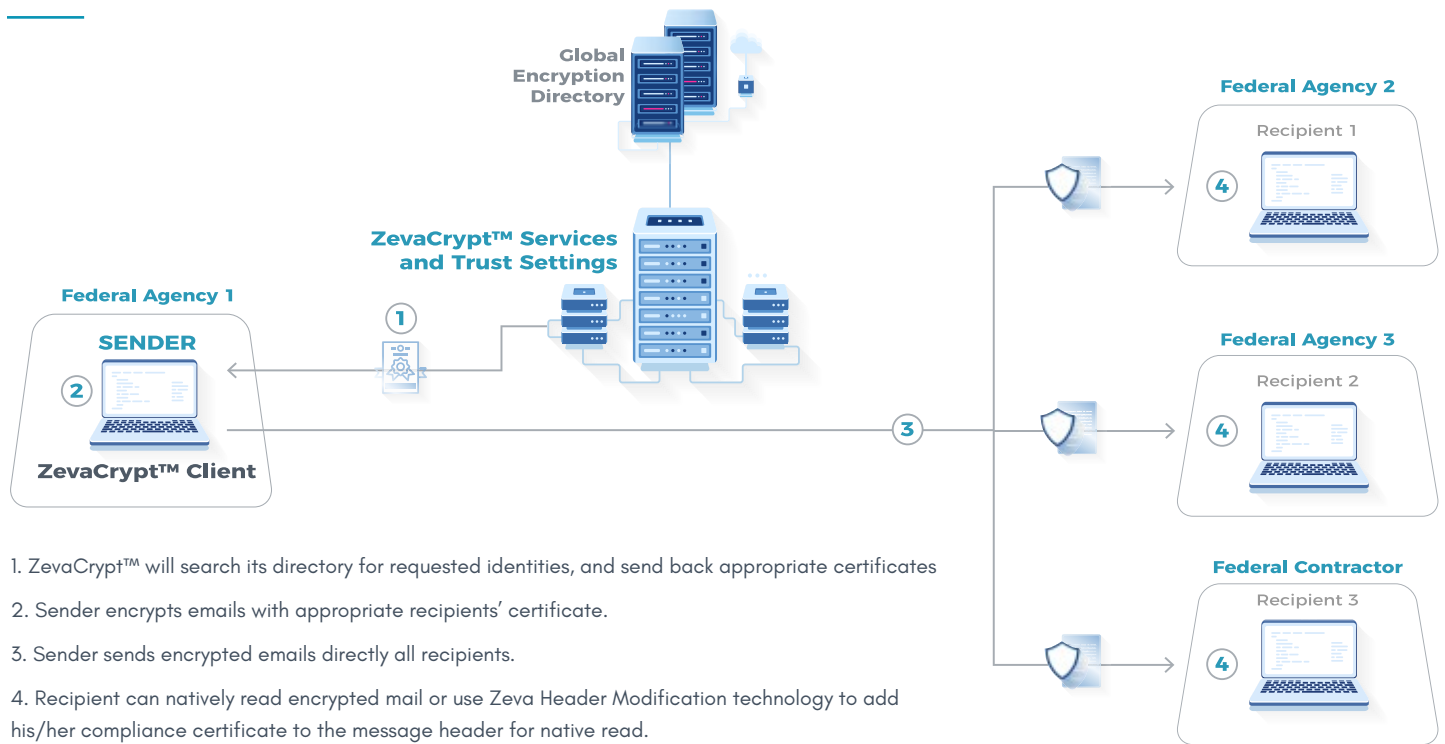
## Enable end-to-end Encryption & Management

One of the biggest challenges related to strong encryption is the management of encrypted data afterward. We call this the aftermath of end-to-end encryption. Our platform alleviates this burden through Zeva's robust decryption services<sup>1</sup> that allows tenants secure access to their encrypted data.

## Use PKI the way it was intended

— Leverage federated PKI and its associated identity assurance levels the way it was intended, across multiple platforms, while maintaining compliance and organizational requirements. Our software allows users to send and receive encrypted emails using the highest assurance credentials possible through our policy processing engine that can be configured for your organization's trust profile.

# How it works



1. ZevaCrypt™ will search its directory for requested identities, and send back appropriate certificates
2. Sender encrypts emails with appropriate recipients' certificate.
3. Sender sends encrypted emails directly all recipients.
4. Recipient can natively read encrypted mail or use Zeva Header Modification technology to add his/her compliance certificate to the message header for native read.

# Product Features



## Encrypt outside your organization

Use the ZevaCrypt™ service GED for discovering recipient's certificates outside your organization, that are otherwise not accessible.



## Asymmetric end-to-end encryption

True asymmetric end-to-end email encryption utilizing your Public Key Infrastructure, client to client, based on organization set trust, and identity assurance policies.



## Manage your trust

An easy and intuitive configuration of certificate trust settings, master keys, accepted sender domains and many more via a highly secure administrative web portal.



## Zero maintenance

ZevaCrypt™ services including the administrative portal are hosted solutions maintained by Zeva and require zero attention by your organization.

# Business Values

---



## Uninterrupted mail flow

Your messages never get redirected to our servers and mail maintains an uninterrupted client-to-client message flow.



## Cloud Hosted Solution

Securely cloud hosted, FIPS-140-2, HIPPA, CCPA compliant solution. Allowing tenants true End-to-End Encryption.



## Global Encryption Directory

Service that allows the PKI to be used the way it was intended, allowing organizations true, intuitive, end-to-end encryption.



## No fall back authentication

Our solution ensures the highest levels of security and never falls back to username and password authentication.



## Intuitive End-to-end encryption

ZevaCrypt™ is an easy to learn and use service, that lets users encrypt emails with the strongest security posture available in the market



## Achieve Compliance Requirements

High level of security and its administrative portal, ZevaCrypt™ can be configured to address organization's compliance requirements including OMB M-19-17, HIPPA, CCPA, and others.

# Pricing Plans/ Licensing Models



## Freemium User

**Free** /for Life

Single user license

Outlook add-ins

Unlimited email reading

**Send 5 encrypted emails**

Predefined based on Federal Trust Settings

User Certificates Upload Ability

Access organizations through GED

Secure Portal Access to re-encrypt emails

Customized Mobile Client Development

Corporate Key Configuration

Configuration for sender domains



## Private User

**\$99** /Annually

Single user license

Outlook add-ins

Unlimited email reading

**Unlimited email sending**

Predefined based on Federal Trust Settings

User Certificates Upload Ability

Access organizations through GED

Secure Portal Access to re-encrypt emails

Customized Mobile Client Development

Corporate Key Configuration

Configuration for sender domains



## Enterprise Account

**Custom** /Pricing

Single user license

Outlook add-ins

Unlimited email reading

**Unlimited email sending**

Trust Settings Management Portal

User Certificates Upload Ability

Access organizations through GED

Secure Portal Access to re-encrypt emails

Customized Mobile Client Development

Corporate Key Configuration

Configuration for sender domains

# For more information, you can find us here:



+1 888 ZEVAINC



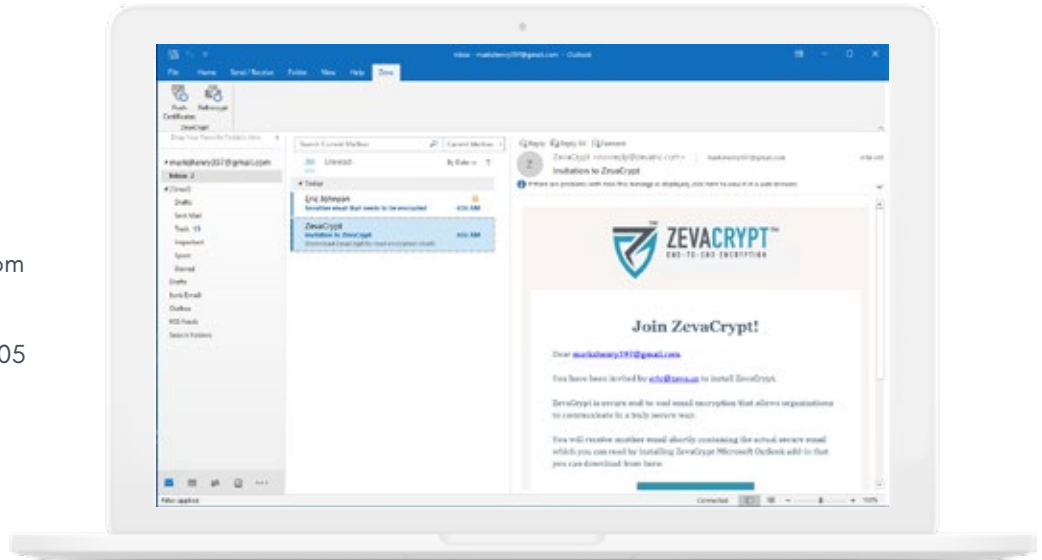
info@zevainc.com



www.zevacrypt.zevainc.com



10300 Eaton Place Suite 305  
Fairfax VA 22030



## ZevaCrypt™, Created by Zeva, Inc. : A leader in Public Key Enablement, IT modernization and encryption solutions

15 years of Public Key Enablement (PKE), Identity, Credentialing and Access Management (ICAM) excellence. Throughout the years Zeva has been solving the most complex identity and encryption challenges for federal government and corporations around the globe.

Zeva Incorporated, a Zeva Holdings company, helps clients around the globe strengthen their security posture with tailored services. Founded in 2005, in Virginia, USA; Zeva Inc. is a CMMI Level 3, Woman-Owned Small Business. Zeva develops and licenses commercial off the shelf (COTS) products that address the PKI enablement needs of highly regulated agencies. Demonstrating its market dominance, Zeva holds multiple patents for encryption and decryption technologies.

To learn more about  
Zeva, its products  
and offerings, go to:  
[www.zevainc.com](http://www.zevainc.com)