



# ZixProtect

Email Threat Protection, Encryption and Data Loss Prevention



## Who Uses Zix?

### 21,000+ customers including:

- All Federal Financial Institutions Examination Council (FFIEC) regulators
- The U.S. Securities and Exchange Commission (SEC)
- 30% of U.S. banks
- 1,200+ U.S. hospitals
- 30%+ Blue Cross Blue Shield (BCBS) organizations
- Numerous nationwide and regional Managed Service Providers (MSPs)

## Benefits

- Protection from phishing, zero-hour malware, ransomware, business email compromise, spam and more
- Automated email encryption and data loss prevention, no user training required
- Prevents sensitive data from being sent to unauthorized recipients
- Convenient user experience for increased adoption of email security
- Improved compliance with regulatory and corporate policies

## Features

- Multi-layer threat filtering combined with machine-learning and real-time threat analysts
- Attachment disarming with forensic sandbox analysis
- URL re-writing with time-of-click analysis
- Message retraction for post-delivery threat remediation (Office 365)
- Policy-based email encryption and data loss prevention with robust compliance filters
- Mobile-friendly secure portal for delivering encrypted emails to anyone, anywhere

**ZixProtect is a cloud-based security solution that protects inbound and outbound email by combining advanced threat protection, encryption and data loss prevention to deliver increased security with an easy-to-use experience.**

## Email Threat Protection

ZixProtect delivers 99.5% accuracy in detecting phishing, zero-hour malware, ransomware, business email compromise, spam, and more. The multi-layer filtering engine delivers an extraordinary level of accuracy that reduces both false negatives (bad emails getting in) and false positives (good emails kept out). This reduces the time your team spends managing the system and improves business communications flow.

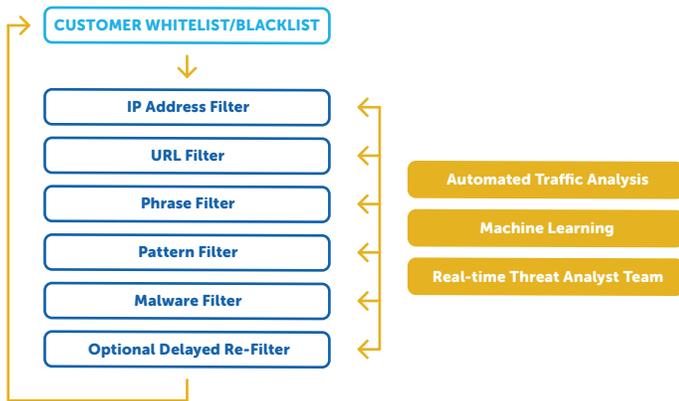
## Email Data Loss Prevention

ZixProtect provides robust filtering technology that enables you to define and manage policy rules for protecting sensitive email content and ensuring compliance. Pre-defined filters are available for healthcare, financial services, state privacy, education and more. Based on email content, policies can be defined to determine if the email should be blocked, routed, quarantined or encrypted.



## Multi-Layer Filtering

ZixProtect's multi-layer filtering engine provides highly accurate threat protection by analyzing email content and the source of the email. ZixProtect combines standard IP address and URL filters with targeted phrase, pattern, and malware filters. Phrase filters look for complete phrases instead of just terms to precisely identify unwanted solicitation or phishing emails. The customized pattern filters allow specific attack campaigns to be identified and blocked. Finally, the malware filters identify both known and zero-hour malware attacks, and the re-filtering technology allows additional analysis of questionable emails. These robust filters are combined with automated traffic analysis, sophisticated machine learning, and threat analysts to create a system that accurately identifies and protects against even zero-hour attacks.



## Targeted Threat Protection

ZixProtect Premium increases protection with three key functionalities:

- Attachment Assurance performs forensic analysis of attachments in Zix's secure, cloud-based sandbox environment. The feature also provides options for delivering a "disarmed" version of files by removing macros or converting files to PDF format.
- Link Defense re-writes all links to safe versions and performs time-of-click analysis on the destination address. Based on testing, users are either automatically re-directed to a safe site, provided a warning for suspicious sites, or blocked from sites identified as malicious.
- Message Retraction enhances security incident response with the ability to retract malicious emails that have been delivered to users' inboxes. This minimizes risk by removing malicious email from users' hands and reduces remediation activities. Detailed audit trails record all actions taken.

## Business Email Continuity

ZixProtect includes email continuity to ensure access to business emails during an email service disruption. ZixProtect spools incoming emails for up to 5 days and automatically delivers them when email service is restored. Users can also access 30-days' worth of email through a web-based interface where they can read, reply, forward, and compose new messages.

## Email Encryption

ZixProtect email encryption automatically determines the most efficient way to securely deliver sensitive emails using our patented Best Method of Delivery<sup>SM</sup>. Through BMOD, encrypted email is delivered to anyone, anywhere and often transparently. Zix offers the industry's only bi-directional transparent email encryption, enabling senders and recipients to exchange encrypted email without any extra steps. When you send an encrypted email to another Zix customer, the message and replies are encrypted transparently, so that not even a password is needed. ZixProtect also offers a secure way to send using Transport Layer Security (TLS) without being susceptible to a man-in-the-middle attack. When sending to recipients who do not have email encryption capabilities, Zix offers a secure portal that makes receiving an encrypted email easy, even on a mobile device. The secure portal can be branded and configured to meet your business needs and can be integrated into your corporate website.

## ZixProtect Bundles

ZixProtect is available in three different bundles:

	PROTECT ESSENTIALS	PROTECT PLUS	PROTECT PREMIUM
<b>Email Threat Protection</b> • URL Re-Write/Analysis	✓	✓	✓
<b>Advanced Threat Protection</b> • Attachment Sandboxing • Message Retraction for Microsoft Office 365		✓	✓
<b>Email Encryption</b>			✓
<b>Data Loss Prevention</b>			✓

## About Zix

Zix is a leader in email security. Trusted by the nation's most influential institutions in healthcare, finance and government, Zix delivers a superior experience and easy-to-use solutions for email encryption and data loss prevention, advanced threat protection, archiving and bring your own device (BYOD) security. Focusing on the protection of business communication, Zix enables its customers to better secure data and meet compliance needs. Zix is publicly traded on the Nasdaq Global Market under the symbol ZIXI.

**For more information, visit [www.zixcorp.com](http://www.zixcorp.com)**