

ZixGateway with Cisco Technology

ZixGateway with Cisco[®] Technology provides on-premises, easy-to-use email encryption. It automatically determines the most efficient way to deliver highly secure messages to anyone, anywhere, on any device.

Product Overview

ZixGateway with Cisco Technology completely automates the protection of your most sensitive email content. The gateway sits in the network downstream from your Cisco Email Security Appliance and uses the appliance’s content filtering and policy engine to determine which email messages require encryption. Email encryption protects you from revenue and intellectual property loss, reputational damages, compliance violations, and liability associated with a breach. Deploying in less than a day, the gateway uses technology that has been on the market for more than 15 years and is the industry’s leading “set it and forget it” email encryption solution.

The gateway uses ZixCorp’s unique Best Method of Delivery so that each encrypted message is sent using the most secure, easiest delivery option. It has two transparent delivery methods. Recipients can access their encrypted messages as easily as a regular email message. No passwords, no portals, no encrypted attachments. The gateway is the ideal solution for companies that want strong protection in an easy-to-use email program.

Features and Benefits

Feature	Benefit
Automated key management	The gateway automates the keys and certificates required to send and receive encrypted emails.
Fully transparent delivery	Highly secure message and replies are delivered transparently. Not even a password is needed.
Superior TLS support	Setting up Transport Layer Security is simple because it is a part of configuring the Best Method of Delivery. The gateway also gives compliance and security officers control of and visibility into how sensitive data is delivered.
Delivery to anyone	For recipients who do not have email encryption capabilities, the gateway offers two delivery methods: ZixPort and Cisco PXE. ZixPort is a highly secure portal that can be branded and integrated in your corporate portal. Cisco PXE (for PostX Envelope) is a push technology that delivers encrypted email in boxes directly to users.
Reporting dashboard	Compliance and security officers gain superior visibility through a customizable reporting dashboard. The dashboard provides instant access to information about the encrypted email traffic, including what delivery method was used and who the top senders and receivers are.

On-Premises Encryption

The ZixGateway with Cisco Technology can be uniquely configured so that sensitive corporate emails are never stored in the cloud and can be opened only by the sender and recipient. When the gateway is configured to use PXE as part of the Best Method of Delivery, all encrypted email is sent directly from the sender to the recipient, never traveling through a hosted cloud service. Also, the keys used for PXE message encryption and decryption are stored at the customer’s site. Using this configuration gives organizations greater control over the security of their sensitive corporate data.

Transparent Delivery

The gateway uses the industry's only bidirectional transparent email encryption technology. Senders and recipients can exchange encrypted email without any extra steps. When a customer sends encrypted email to another gateway customer, the highly secure messages are delivered transparently, so that not even a password is needed. On average, more than one-third of the recipients receive their encrypted email messages transparently.

Licensing

Following are the licensing options. ZCT Corporate Appliance	A 1-rack-unit (1RU) appliance intended for sale to customers with fewer than 2000 users
ZCT Enterprise Appliance	A 1RU appliance intended for sale to customers with 2000 or more users
Virtual appliance license	A virtual appliance version of the gateway
Software license	The subscription that provides all software functionality for the product, including PXE encryption, push encryption, S/MIME, OpenPGP, and TLS. The best method of delivery is transparent encryption.

Hardware Specifications

Feature	ZCT Corporate Appliance	ZCT Enterprise Appliance
Form factor	1RU	1RU
Processor	Intel® Pentium G3420	Intel Xeon® Processor E5-2640
Memory	8 GB	16 GB
Hard drive	2 x 1 TB SATA III 7200 64 MB 2.5 in.	2 x 1 TB SATA III 7200 64 MB 2.5 in
RAID	RAID 1	RAID 1
Redundant power supply	No	Yes

Virtual Specifications

Feature	Minimum Setting
Microsoft Hyper-V	2008 R2 or later
VMware vSphere	5.0 or later
VMware ESX	4.0 or later
VMware ESXi with Platinum or Gold support	4.0 or later
Memory	8 GB
Hard disk space	50 GB
CPU	2
Processor speed	2.4 GHz
Processor type	64-bit
Network interface cards	1

Cisco and Partner Services

Service	Description
Cisco branded services	<ul style="list-style-type: none">• The Cisco Security Planning and Design Service helps you deploy a strong security solution quickly and cost-effectively.• The Cisco Email Security Configuration and Installation Remote Service mitigates security risks by installing, configuring, and testing your solution.• The Cisco Security Optimization Service supports an evolving security system to meet new security threats, with design, performance tuning, and support for system changes.

Service	Description
Collaborative and partner services	<ul style="list-style-type: none"> • The Cisco Collaborative Professional Services Network Device Security Assessment Service helps maintain a hardened network environment by identifying security gaps. • The Cisco Smart Care Service keeps your business running at its best with proactive monitoring using intelligence from highly secure visibility into a network's performance. • Cisco partners also provide a wide range of additional services across the planning, design, implementation, and optimization lifecycle.

Cisco Capital Financing to Help You Achieve Your Objectives

Cisco Capital[®] can help you acquire the technology you need to achieve your objectives and stay competitive. We can help you reduce CapEx. Accelerate your growth. Optimize your investment dollars and ROI. Cisco Capital financing gives you flexibility in acquiring hardware, software, services, and complementary third-party equipment. And there's just one predictable payment. Cisco Capital is available in more than 100 countries. [Learn more.](#)

For More Information

Evaluate how the ZixGateway with Cisco Technology works for you by contacting a Cisco sales representative, channel partner, or systems engineer. For additional information, visit [ZixGateway with Cisco Technology.](#)



Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV Amsterdam,
The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)