

# ExchangeDefender

## *Email Filtering, Security and Business Continuity*

ExchangeDefender is a transparent network service designed to secure your email before it can damage your servers and workstations. It enforces your company policies and government compliance requirements and provides reporting, business continuity and even email access and collaboration when your Internet access or mail server is unavailable.

### **Deployment**

ExchangeDefender is a security network that processes email and only delivers the email you want to read down to your server. Every incoming and outgoing message is scanned for dangerous content. The security policies you define are applied to it, along with any archiving or government compliance requirements. Currently, ExchangeDefender is the fastest growing global security network worldwide!

### **Message Delivery**

ExchangeDefender operates as a distributed cloud-based service, with decentralized administration, policy enforcement and archive with business continuity. What that means is that our network, spanning 2400 servers and 40 data centers with over 100 Gbit of Internet bandwidth, has no single point of failure and can adapt to network outages, distributed denials of attack, mail floods and more.

### **Security Enforcement**

Once your email is received by ExchangeDefender, the policy server is contacted and asked what to do with the email. Should we scan it for viruses? If so, what do we do with infected messages? What about disinfected messages? With over a thousand possible settings and policy configurations established in advance by your company, this is the core of our service.

### **Business Continuity and LiveArchive**

One of the most critical components of an external mail security solution is its reliability. You need something that will be far more reliable than your own mail infrastructure so, if you ever experience an outage, you have that extra layer of mail redundancy. ExchangeDefender meets and exceeds that requirement through our LiveArchive business continuity service. It is a complete standalone email system with your users, your corporate identity and your passwords, running on a highly reliable, geo-redundant webmail system.



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# ExchangeDefender LiveArchive:

## *Designed to Keep You in Business*

ExchangeDefender is a complete mail solution, and nothing reinforces that statement more than LiveArchive. For the ultimate peace of mind, LiveArchive provides always-on, real-time, secure web access to your email when your mail server is down, disconnected or undergoing maintenance - all without sacrificing your corporate identity.

### **LiveArchive Lets You Stay In Business**

LiveArchive is a live, real time, secure mail server that gets a copy of all of your inbound mail. In effect, it provides a replica environment of your own Internet mail infrastructure from which you can work if your mail server or Internet connection go down without sacrificing your business identity or changing your address.

### **How Does It Work?**

ExchangeDefender accepts e-mail on your behalf and scans it for known threats such as SPAM, malware, viruses, Trojans and so on. After the processing is complete and all the policies are satisfied, ExchangeDefender opens a connection to your server to deliver a message or, if the connection fails, it puts the message in a queue and keeps on trying until the connection is established and the message is delivered. With LiveArchive enabled, ExchangeDefender makes a copy of the valid email and delivers it to a secure server in our data center. This server stores the message in your account and keeps it for a period of one year (365 days), allowing you to access your mail if you are for some reason unable to access your own mail server or that mail server is temporarily unable to connect to the Internet. Message delivery happens in real-time, even if your own mail server is offline.

This allows you to collaborate directly from the archive server and read and respond to messages with 0 downtime and the knowledge that the mail will eventually be delivered to your server. All you need is a secure web browser!

### **Frequently Asked Questions**

#### ***What does ExchangeDefender LiveArchive cost?***

LiveArchive is included free of charge with your TrueMail subscription.

#### ***Will the mail still arrive to me?***

Absolutely. ExchangeDefender does not "redirect" messages, it copies them.

#### ***Will the mail still stream even if my Internet connection is down?***

Yes it will! ExchangeDefender LiveArchive receives email in real-time, regardless of the server availability. You can be down for days, and nobody would know!

#### ***Do I need to maintain or manage the queue?***

Not at all! You just have to enable LiveArchive and you're set.



# Web Filtering:

*No Hardware, No Hassle, No Extra Charge!!!*

## Easy to Set Up, Easy to Maintain

This is the newest feature of ExchangeDefender: Web Filtering. You can now offer web content filtering in your management portfolio without any hassle or additional cost!

ExchangeDefender Web Filtering is both enabled and managed through the ExchangeDefender Administration portal to which existing ExchangeDefender clients are already accustomed. Once inside the Admin portal, you will be able to select categories of websites to block, enter custom URLs to block and view a listing of blocked sites accessed by a specified user. The web filter agent is installed on each local machine and uses the same authentication credentials as the user's account.

## Here are just a few examples of the types of sites that can be blocked by our Web Filtering:

Anti-spyware	Gaming	Pornography
Banking	Hacking	Radio
Chatting	Instant Messaging	Social Networking
E-Commerce	Job searching	Violence
File Hosting	Malware	Viruses
Gambling	Phishing	Weapons

## The Option That Saves You Thousands!

The ExchangeDefender web filter agent replaces many hardware and software solutions. Since the web filter agent relies on the computer's memory stream, there is no need for an in house proxy server or gateway agent. Hardware devices such as the Barracuda can cost over \$2k and still require a reoccurring commitment for policy updates!

## No Circumventing Your Security Settings

Many software agents rely on the browser's proxy settings which are easy to circumvent by installing another browser and not programming in the proxy values. By utilizing the memory stream, the ExchangeDefender web agent is able to capture all HTTP GET and HTTP POST requests sent by the computer and seclude the requests until they have been verified against the ExchangeDefender content database. The use of memory streams rather than proxies allows for browser independence and easy setup, making this an all-around hassle-free software!



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