

DATASHEET

# DMZ Gateway<sup>®</sup>

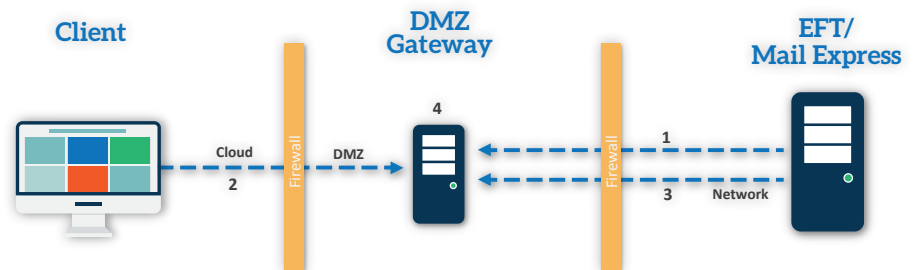


## HOW IS GLOBALSCAPE'S DMZ GATEWAY<sup>®</sup> DIFFERENT?

Unlike store-and-forward technologies, our DMZ Gateway does not store or process data. It's simply a liaison to your internal network. Your data stays secure because it's never stored in the DMZ. Your data remains safe behind the firewall for EFT/Mail Express to store and process.

## WHAT IS DMZ GATEWAY<sup>®</sup>?

DMZ Gateway is a multi-platform solution that works in conjunction with EFT or Mail Express to create a multi-layered security solution for data storage and retrieval, authentication and firewall transversal. Using a two-way connection originating from the back-end (internal) EFT/Mail Express, the DMZ Gateway acts as a communication proxy to process requests that replaces inherently insecure inbound connections from the Demilitarized Zone (DMZ) to your network.



1. EFT or Mail Express establishes an outbound, persistent communication channel to the DMZ Gateway.
2. Partner connects over any protocol to the DMZ Gateway.
3. EFT or Mail Express opens a new outbound session to the DMZ Gateway.
4. DMZ Gateway brokers the connection.

## HOW DOES DMZ GATEWAY WORK?

DMZ Gateway resides in the DMZ. EFT and Mail Express reside inside your network and initiate a persistent session with the DMZ Gateway in an outbound (east-west) fashion.

When a client (partner) connects to the DMZ Gateway, DMZ Gateway will notify EFT/Mail Express over the pre-established session. Subsequently, EFT/Mail Express will initiate another outbound session to the DMZ Gateway, and the DMZ Gateway then glues together this new session and the client's session. From that point forward, all client and server communications are streamed through DMZ Gateway to EFT/Mail Express.

From the client's view point, DMZ Gateway makes the back-end EFT/Mail Express appear to be inside the DMZ, when EFT/Mail Express actually resides securely behind your corporate firewall. No transferred data resides in the DMZ (not even temporarily), client authentication takes place on the back-end EFT/Mail Express, and no firewall holes are punched through your internal firewall in the wrong direction. DMZ Gateway Provides Security and Efficiency at the Same Time

You don't need to choose between top security and being efficient. With DMZ Gateway, you can finally have both!

### Security Benefits:

- Facilitates compliance with mandates such as PCI DSS requirement §1.3.7 that forbid storage of sensitive data in the demilitarized zone (DMZ).
- Eliminates the need for compensating methods of securing data in the DMZ, such as file encryption, store-and-forward systems, or polling for changes.
- Eliminates the need for a file transfer system in the DMZ or for exposing any part of your network to the DMZ, such as AD services for user authentication or SQL services for auditing.

### Efficiency Benefits:

- Single outbound connection means greatly reduced overhead as compared to traditional proxy and firewall configuration.
- Save time and reduce points of failure over traditional store-and-forward or polling for changes. Data is made available to back-end systems in real-time.

## DMZ GATEWAY FEATURE HIGHLIGHTS

- No inbound (west to east) holes through the network firewall
- No data is ever stored in the DMZ – data streams to the back-end EFT/Mail Express
- Virtual authentication – DMZ Gateway acts as a proxy for authentication
- Supports all protocols allowed by EFT (FTP/S, SFTP, HTTP/S and AS2) and Mail Express

- Transparent to your partners – EFT's/Mail Express's services are virtualized in the DMZ
- No storage, synchronization, or replication of user database needed in the DMZ
- Support for Linux, Solaris, and Windows operating systems

DMZ Gateway can map and route connections to all EFT Sites and Mail Express, which not only reduces your total cost of ownership, but also simplifies network maintenance.

Features	DMZ Gateway	Reverse Proxy	Store & Forward	Store & Pull
Zero data in DMZ--ever	✓	✓	✗	✗
Highly reliable	✓	✓	✗	✗
Zero maintenance	✓	✓	✗	✗
Streamlined/transparent to clients	✓	✓	✗	✗
No cumbersome deployment	✓	✓	✗	✗
Point and click, easy initial setup	✓	✗	✗	✗
Facilitates PCI DSS compliance	✓	✗	✗	✗
No inbound firewall holes to internal network	✓	✗	✗	✓
No breaking of encryption	✓	✗	✗	✗
No access to authentication sources	✓	✗	✗	✓

## ABOUT GLOBALSCOPE

Globalscape is an innovative software company that secures mission-critical exchanges of data across multiple platforms - including remote and mobility solutions - for businesses worldwide. Through superior software, standards compliance and experienced, reliable support, Globalscape secures information exchange for individuals, global enterprises, governments, and small and medium enterprises across a wide range of industries.