

Firewall Rules

Below is a list of traffic that will need to be allowed through the bookstore firewall for access to TCS systems. We also need to know the forward facing IP that bookstore traffic comes from in order to enable certain processes. Primarily for SFTP access to import any course adoption records, student accounts, etc. that the bookstore may need to import in bulk.

I've added the URLs in case your firewall supports URL based filtering.

1. transaction.elementexpress.com port 443
 1. This is the URL for the credit card authentication requests.
 2. They round robin quite a few IP address
 - 74.120.156.1 to 74.120.156.254 Port 443
 - 74.120.157.1 to 74.120.157.254 Port 443
 - 74.120.158.1 to 74.120.158.254 Port 443
 - 74.120.159.1 to 74.120.159.254 Port 443
2. 104.209.214.232 port 1191 over TCP
 1. Used for OpenVPN traffic
3. redshelf.com
 1. All registers that will process RedShelf e-books will need access to Redshelf's services. The addresses that need to be accessed from all POS stations that will sell RedShelf products are 34.196.10.62, 34.196.7.198, 34.206.13.124 and 35.171.101.186 on port 80 and 443.