



# Virtru Email Encryption

Virtru is a data encryption platform that many organizations trust to secure their information exchanges. The nature of a data encryption platform requires the access to certain web services to securely deliver this client-side protection.

**To ensure the integrity and seamless end-user experience of this client-side process the below list of web service fully qualified domain names need to be allowed in your network.**

MANDATORY		
ENDPOINT	PORT	PURPOSE
acm.virtru.com	TCP 443	Access Control Manager - The key server. Stores and protects split knowledge encryption keys.
events.virtru.com	TCP 443	Revocation Server Allows clients to revoke access to content actively being viewed.
accounts.virtru.com	TCP 443	Authentication/Authorization Server Used to validate access to Virtru servers.
secure.virtru.com	TCP 443	Secure Reader FQDN
storage.virtru.com	TCP 443	Upload service for encrypted content. Viewing emails/attachments in the Secure Reader.
encrypted-storage.virtru.com	TCP 443	Retrieval service for encrypted content. Viewing emails/attachments in the Secure Reader.
api.segment.io	TCP 443	Metrics

MANDATORY		
ENDPOINT	PORT	PURPOSE
api.amplitude.com	TCP 443	Metrics in Amplitude tool.
		Metrics used to ensure a consistent end-user experience.
cloudfront.net	TCP 443	Content Hosting
		Hosts all static content for Virtru websites and welcome templates.
repo.maven.apache.org	TCP 443	Download Additional Jar Files
		NOTE: This is only necessary for Virtru Gateway Installation
virtru.com	TCP 443	Main Marketing Website
		Virtru's main website used for sales, marketing and support.
RECOMMENDED		
ENDPOINT	PORT	PURPOSE
typekit.net	TCP 443	Font
google-analytics.com	TCP 443	Google analytics