

Network Firewall Access Specifications

- 1) The following file extensions must be allowed through your network and firewall:

File Type	File Extension
DEC	.dcz
EMD	.zmd
Graphics	.gar
Rate Manager	.rmz
CCD	.bin
Snippet File	.GAU
Data Capture File	.Kj1
Rate File	.Rte

- 2) The following top level domains must also be accessible through your network and firewall:

Any URL containing the following:	
pb.com	dlsdlp1t.pb.com
distservp1.pb.com	dlsdlp1z.pb.com
cometservp1.pb.com	dlsdlp1.pb.com
acctservp1.pb.com	dlsdlp1b.pb.com
pbdsp1.pb.com	pbdlst1.pb.com
pbdsp1t.pb.com	dlsdlp1.pb.com
s3.amazonaws.com (PC Meter Connect)	pbsmartpostage.pb.com
pbgdspdlp1a.pb.com	

NOTE: URLs accessed by your Pitney Bowes system may contain the above strings anywhere within the URL. Firewalls must therefore be set to allow traffic to any URL containing the above domains. Your firewall may need to be configured using “wildcards”, for example *pb.com*

- 3) If IP Addresses must be used, Pitney Bowes recommends the firewall be set to allow unrestricted access to the full blocks of Pitney Bowes IP Address Ranges listed below:

- 152.144.128.0 - 152.144.128.255
- 172.28.106.0 - 172.28.107.255
- 172.31.224.0 - 172.31.224.255
- 199.231.32.0 - 199.231.47.255
- 209.85.128.0 - 209.85.255.255

- 4) Active and Passive FTP

- **Firewall on Active FTP** –Ports that should be opened on Server and Client side:
 - Server: Port 20 for data & Port 20 for Commands
 - Client: Ports >1023
- **Firewall on Passive FTP** – Ports that should be opened on Server and Client side:
 - Server: Port 21 for Commands & Ports >1023
 - Client: Ports >1023

- 5) Alternatives for restricted FTP Protocols

Some meters support using HTTPS as an alternative to FTP. If you are using PC Meter Connect, access the “Internet Settings” menu from the application and select HTTPS mode. If your meter does not support HTTPS, the option will be greyed out.

- 6) Ports and Protocols required

Type	Protocol	Port	Function
DNS	UDP	53	Postage by Phone & Web Services
HTTP	TCP	80	Postage by Phone & Web Services
HTTPS	TCP	443	Postage by Phone Software & Rate Updates Graphics Uploads Firewall must be set to ACTIVE mode and to allow ephemeral ports