Technical Information for District Network Support Staff

For additional information please contact help@blendedschools.net.

First Time Blackboard Collaborate Users should go here to test system requirements and set up on every computer being used by students for therapy:
http://blackboard.force.com/publickbarticleview?id=kA770000000CbIW

Traffic from the following IP addresses and URLs should be allowed to flow freely through all district routers, firewalls, proxies, web-filters and other security devices.

All URLs are both http and https.

Technology	URL(s)	IP(s)
Load-balanced Blackboard Instance	blendedschools.blackboard.com	69.196.228.191 69.196.228.203 69.196.252.6
Blackboard Collaborate Web Conferencing	sas.elluminate.com	69.196.237.0/24 69.196.238.0/24

Port Requirements

For best performance, district computers should be allowed to access the above URLs on all ports. If your district wishes to only allow specific ports, the following information provides more detail:

- Ports 80, 8080 & 443 should be open to ALL URLs
- 69.46.102.224/27
  - TCP: 5523,5300-5900,5998
  - UDP: 4569

Software and Applets

The blendedschools.net tools also include some required applet downloads, as well optional software downloads.

Application	Location of Download	Executable Name	Required?
Java	www.java.com	Mac: Builtin Windows: java.exe	Yes
Flash and Shockwave	www.adobe.com	NA	Yes
Blackboard Collaborate	JNLP File Download for Java Web Start	Mac: getadapterJNLP.jnlp Windows: getadapterJNLP.jnlp	For Language Institute

Workstation Requirements

There is no single minimum system requirement for all blendedschools.net tools. Below are some suggestions for standard software and hardware configurations.

- High Speed Internet Access (1MB/s per user if possible)
- Windows XP / Mac OS 10.6 rated computer or newer
- Common web browser (eg. Firefox or Safari)
- Java, Adobe Reader, FlashPlayer, Shockwave, Windows Media Player, Quicktime
- Productivity Software (e.g. Microsoft Office, iWork, Open Office or equivalent)
- Speakers, Microphone and Webcam