

Technical Specifications for Internet COMPASS

Hardware requirements for Testing Computer Workstations:

- 350 MHz Pentium II (500 MHz Pentium II or faster is recommended.)
- Minimum Memory Requirements:
 - 128 MB RAM for Windows® 2000, and Windows® XP
 - 300 MB of free hard disk space
- Recommended Memory Requirements:
 - 256 MB RAM for Windows® 2000 and Windows® XP
 - 600 MB or more free hard disk space
- Sound card and headphones with in-line volume control required if ESL testing option is to be used
- 8 MB (minimum) video card
- Video card must be capable of displaying 800 x 600 resolution with 16-bit high color
- Monitor – 15" SVGA 800 x 600 with 16 bit color depth
- 10/100 Mbps Ethernet card
- Display **must** be set to 800 x 600 resolution (*mandatory*)

The following operating systems are supported:

- Windows® 2000 with the latest Service Packs
- Windows® XP with the latest Service Packs

NOTE: Macintosh or the Win95 Macintosh emulation, Windows® 95, or the original Windows® 98 are not supported by ACT for COMPASS Internet Version. Windows NT® is supported for administrative use only. NT is not supported for use as a testing workstation.

Special note for Windows® XP sites: Please advise all test center proctors that students are not permitted to connect a USB flash drive to any Windows® XP workstation while the test is being administered as this may allow an examinee to access the Internet.

User permission and settings:

	Edit own account	Launch tests	View/Print Student Records	Create SSRs/ Reports	Register workstations	Activate testing site	Add/change user rights
IT Proctor	X	X			X		
Proctor	X	X	X	X	X		
Ivy Tech Admin	X	X	X	X	X	X	X

The following Internet browser versions are supported:

- Internet Explorer 6.0 (with or without Service Pack 1) and above

NOTE: Netscape is not supported by ACT for COMPASS Internet Version.

Browser Settings:

NOTE: Refer to the [Supplemental Guide for XP Service Pack](#) if you are running Windows XP

- Download signed ActiveX controls (Minimum: set to prompt)
- Run ActiveX controls and plug-ins (Minimum: set to prompt)
- Script ActiveX controls marked safe for scripting (Minimum: set to prompt)
 1. Click on the **Tools** option in the Internet Explorer menu bar.
 2. From the drop-down menu, click "Internet Options".
 3. Select the **Security** tab. Under the "Custom" heading, click the **Custom Level** button.
 4. Click the radio buttons to enable or prompt for the listed ActiveX settings if they have not been set already.
 5. Click **OK** to save your settings, and click **OK** to exit the "Tools" menu.
- Check for newer versions of stored pages set to "automatically"
 1. Click on the **Tools** option in the Internet Explorer menu bar.
 2. From the drop-down menu, click "Internet Options".
 3. Select the **General** tab. Under the "Temporary Internet Files" heading, click the **Settings** button.
 4. Click the radio button for "Automatically" if it has not been selected already.
 5. Click **OK** to save your settings, and click **OK** to exit the Tools menu.
- Text Size setting for Internet Explorer (under the **View** menu) needs to be set at "Medium".

Additional Software Required:

- Java 1.5 or above
- Windows Media Player 9.0 or above

Network Settings:

- Participate must provide high-speed (dedicated T1 or above) network access to the Public Internet for the testing workstations, and must be capable of

supporting a continuous minimum data transfer rate of 500 Kbps, per 25 workstations or approximately 40 Kbps per workstation.

- For testing environments with more than 15 workstations, please refer to the chart below to help identify the minimum necessary continuous data transfer rates.

Average number of Testing workstations	Average Response	Bandwidth Requested
15	40 Kbps	500 continuous Kbps preferred
25	40 Kbps	500 continuous Kbps preferred
50	40 Kbps	1000 continuous Kbps preferred

NOTE: Campus-based bandwidth speed and actual testing performance are highly related to each other and must be optimized for best results. COMPASS/ESL Internet version performance (such as time between screen presentations) can be negatively impacted by high volume of campus-based network traffic and/or other factors that may divert true bandwidth from the testing environment.

LAN/PORTS Settings:

COMPASS/ESL Internet Version campuses must provide testing workstations configured to operate on the LAN using TCP/IP protocol, with access to Public Internet websites.

- Ports 80 and 443 are required for standard program operation.