

**CURRENT
BASELINE HOME COMPUTER CONFIGURATION
For
DISTRIBUTED LEARNING COURSEWARE**

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This document is available as a Word document at
<http://www.atsc.army.mil/itsd/imi/documents/bhcc_Jan12.doc>

This document defines the minimum computer configuration required to play distributed learning (dL) courseware. This baseline is intended to be compatible with Classroom XXI Student Workstation Configuration and the Digital Training Facility (DTF) Student Workstation Configuration. Unique configuration features of the DTF Student Workstation Configuration can be found at <<http://www.atsc.army.mil/itsd/imi/StandardSpecifications.asp>>

The Classroom XXI Student Workstation Configuration and the DTF Student Workstation Configuration represent hardware and software configurations required to display "Legacy", "Commercial-Off-the-Shelf," and future courseware.

This document focuses on the computer configuration required to play courseware developed under the Combined Arms Products Distributed Learning (CAPDL) Contract. Refer to the CAPDL contract and its supporting documents and standards for specific Courseware development requirements.

1 MINIMUM COMPUTER CONFIGURATION.

1.1 CPU - Pentium IV or equivalent, 2.0GHz or higher clock speed

1.2 Random Access Memory (RAM) - 1GB or greater

1.3 Sound Card - DirectX 9.0 compatible or integrated on board, external speakers are recommended.

1.4 Graphics/Media standards. See CAPDL Contract, Army Golden Master Program and Digital Training Facility (DTF) Student Workstation (SW) Configuration for additional specific graphics/media standards.

1.4.1 Must support a screen resolution of 1024 x 768 pixels (XGA). Compliant computers may not correctly present courseware designed for resolutions higher than 1024 x 768.

- 1.4.2 GIF Graphics Interchange Format
- 1.4.3 JPEG Joint Photographic Experts Group
- 1.4.4 RTSP Real Time Streaming Protocol
- 1.4.5 VRML or WML Virtual Reality Modeling Language
- 1.4.6 PDF Portable Document Format
- 1.4.7 DIR Shockwave File Format
- 1.4.8 SWF Flash File Format
- 1.4.9 FLV Flash Video File
- 1.4.10 3KO NGRAIN 3D Knowledge Object File Format

1.5 Hard Drive - 1 Gbyte free storage area

1.6 Optimize Courseware for Broadband of 512kb/s

1.7 CD-ROM Drive - quadruple-speed (4X) or faster with maximum access time of 250ms

2 OPERATING SYSTEMS - Windows XP, Windows Vista, and Windows 7 including the latest service packs and security patches available.

2.1 CD-ROM Browser Support Software (media players/plugin-ins): Software supported by a full customization of Microsoft Internet Explorer (IE). Refer to the Browser and Plug-In Information and License Agreements web site at <http://www.atsc.army.mil/itsd/imi/Browsers.asp> for latest license agreements of IE, plug-ins, and players.

3 INTERNET WEB BROWSER - Microsoft Internet Explorer with 128-bit Secure Sockets Layer (SSL) encryption. Refer to the Army Golden Master Program web site for latest version of IE.

3.1 Default Browser should include the following security configuration:

3.1.1 Download signed ActiveX controls - "enabled"

3.1.2 Download unsigned Active X controls - "disabled"

3.1.3 Run ActiveX controls and plug-ins - "enabled"

3.1.4 Allow Cookies - "enabled"

3.1.5 Allow per-session Cookies - "enabled"

3.1.6 Active scripting - "enabled"

3.1.7 Scripting of Java applets - "enabled"