

July 8, 2003

Subject: AcuLearn AICC Compliance

Reference materials:

1. Summary of AICC AGR's: <http://aicc.org/pages/aicc3.htm#PUB1>
2. AGR documents: <http://aicc.org/pages/down-docs-index.htm#AGR>

Executive Summary

The term "AICC Compliant" means that a training product complies with one or more of the 9 AICC Guidelines & Recommendations (AGR's). Since there are 9 different AGR's, "AICC compliance" can mean different things as there are 9 different possibilities to "comply" with.

AcuLearn's AcuSTUDIO™, AcuLIVE™ and AcuMANAGER/STREAM™ solution suite is compliant with AGR-002, 003, 004, 005, 006, 007, and 008, with partial compliance with AGR-009. AcuLearn software utilizes standard Microsoft and Pentium-based platforms, as well as standard industry file types for ease of transportability, reuse, view-ability and cost-effectiveness. AcuLearn's integrated approach to content creation, editing and delivery fully automate the creation and delivery of e-learning content, delivering a simple HTTP link to the user. HTTP is easily integrated into any LMS system and is the easiest way to transport, archive and access rich-media content.

The AICC has developed formal certification testing procedures for the CMI related AGR's (AGR-006/AGR-010) and currently offers certification testing for both CMI systems and CBT courseware.

The other 7 AGR's (listed below) have no formal tests:

- AGR-002 - COURSEWARE DELIVERY STATIONS
- AGR-003 - DIGITAL AUDIO
- AGR-004 - OPERATING/WINDOWING SYSTEM
- AGR-005 - CBT PERIPHERAL DEVICES
- AGR-007 - COURSEWARE INTERCHANGE
- AGR-008 - DIGITAL VIDEO
- AGR-009 - ICON STANDARDS: USER INTERFACE

Below is a detailed evaluation of each AGR (latest revision for each AGR) against AcuLearn's solution suite.

Compliance Specifics

1. **AGR-002** Courseware Delivery Stations (Rev. 9.1) - **Compliant**
 - a. Runs MS Windows

- b. Meets CBT station "Optimum" Specification
- c. Op System: Win XP or Win 2000 Pro
- d. Brower: Internet Explorer (IE) 5.0 and newer
- e. Meets Laptop and Notebook "Optimim" delivery specifications
- f. Meets handheld PDA delivery specification
- g. HTTP-based network delivery
 - i. Uses TCP/IP internet/intranet connection w/ Windows XP protocols
- h. Intel CPU-based
- i. Memory: 256MB or more
- j. Local hard drive
- k. Video Display: XVGA
- l. Sound Card: yes

2. **AGR-003** Digital Audio (Rev. 2.0) – **Compliant**

- a. AcuLearn delivers audio as an integral component to the courseware
- b. Platform interoperability is ensured since audio is played via standard Windows Media Player (WMP) for streaming audio. Content is playable via any Multimedia PC II (MPCII) compliant hardware.

3. **AGR-004** Courseware Delivery Station (Rev. 5.0) – **Compliant**

Any Windows-based PC that runs IE 5.5 and higher and WMP 6 and higher are able to receive AcuLearn content. No special client-side software is required to receive and play AcuLearn-based courseware.

4. **AGR-005** CBT Peripheral Devices (Rev. 1.0) – **Compliant**

AcuLearn is compliant with the IMA recommended practices for multimedia portability. No separate video disk player or video overlay card is required. XY input device is a simple mouse.

5. **AGR-007** Courseware Interchange (Rev. 1.0) – **Compliant**

The purpose of this guideline is to facilitate the movement of courseware content from one environment to another. This enables content to be re-purposed, reused, simplifies maintenance and allows migration to new platforms.

AcuLearn content is based on standard and common industry file formats such as MS PowerPoint, MPEG, PDF, etc. AcuLearn meets the "Comprehensive Compliance Level 4" (the highest level of compliance) by automatically and seamlessly importing all content (logic and all accompanying graphics, audio, video, text and embedded files).

6. **AGR-008** Digital Video (Rev. 1.0) – **Compliant**

By using WMP, AcuLearn ensures a cost-effective use of digital video in

the CBT. MPEG IV CODEC ensures efficient use of bandwidth and streaming efficiency.

7. **AGR-009** Icon Guidelines (Rev. 1.0) – **Partial Compliance**

AcuLearn's user interface is simple: Three 'buttons' and a sound level slider bar for creating/recording content; Two 'buttons' and a sound level slider bar for receiving content.

AcuLearn non-compliance is limited to one icon: Audio/Video control. Instead of two buttons (and therefore two icons), AcuLearn simplifies this control to an 'A/V' symbol. The rest of the control icons are in compliance.

Two new icons are used within AcuLearn's user interface; both icons are common to that commonly found on most VCRs:

1. Record (a red dot)
2. Stop Recording (a black square)

Summary

AcuLearn's e-learning software suite, consisting of AcuSTUDIO™, AcuLIVE™, AcuMANAGER™ and AcuSTREAM™ meets all AICC Guidelines and Recommendations (AGRs), with the exception of AGR 009 (usage of one new icon that controls both the Audio and Video controls of an AcuSTUDIO station).