

COMPUTER BASED TRAINING INTO THE 21ST CENTURY



ACORN MULTIMEDIA SYSTEM

Acorn 



THE TRAINING OF THE FUTURE

AMS is the Computer Based Training (CBT) system that will set the standards through the 1990s and into the 21st century. Whatever your subject matter, AMS's multimedia capability gives you the opportunity to present it in the most visual, most exciting and most memorable form.

AMS combines the friendliness, flexibility and comprehensive features of the Avanti authoring system with the power of Acorn's multi-tasking RISC OS operating system. A wide range of peripheral equipment allows you to harness the latest in audio-visual technology for a true multimedia approach.



Capitalise on your existing sources of photographs, diagrams and illustrations.

Scan in full-colour or black and white images from your library and enhance or develop them using graphics software.



The Avanti CBT authoring system – which constitutes the software component of AMS – is a powerful and flexible tool.

Avanti is designed to be fast to learn and easy to use. Having eliminated cumbersome and time-consuming authoring techniques, Avanti allows you to devote your time wholly to the creative development of effective training materials.

Avanti includes a password-based, automatic logging and scoring facility which ensures that the progress of trainees is correctly recorded and only available to authorised supervisors.

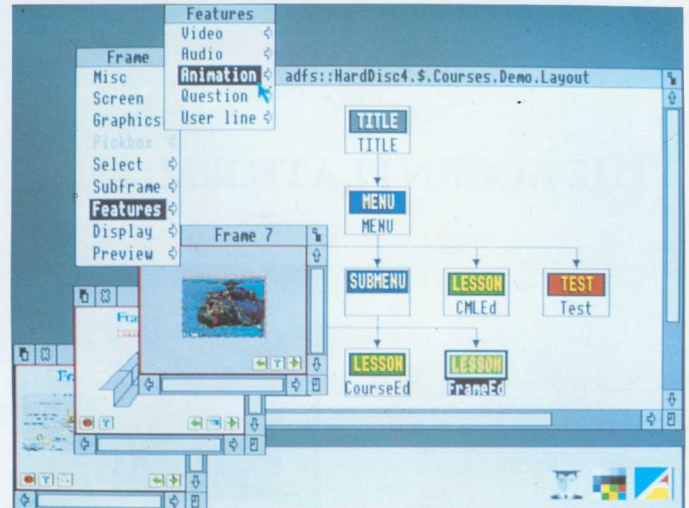
avanti AUTHORIZING SYSTEM

Avanti enables you to:

- Structure courses to reflect the nature of the material and the learning styles of the students
- Display the course structure graphically, as you create material
- Design question types appropriate to the information you are testing
- Create templates to give your training precisely the look and feel you want
- Review your work and make modifications as you develop your course
- Incorporate any individually programmed sequences into your AMS course

All development facilities are provided within the authoring system and the user interface is consistent throughout. This enables you to learn the whole system quickly and makes it easy to change between authoring in one medium and another.

All the software for multimedia production can be stored in memory simultaneously, enabling you to switch from one medium to another at the click of a button.



Include a wide-range of digitised images and audio clips.

Storage capacity need never be a problem as you can retain and access your digitised material on CD ROM.

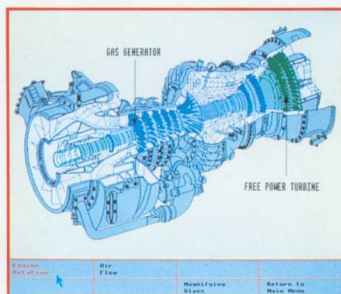


The principles behind a process (perhaps in a medical or mechanical context) need to be explained.

Create animated 3D graphics sequences – in any one of a wide range of powerful RISC OS software packages – and incorporate them into your course.

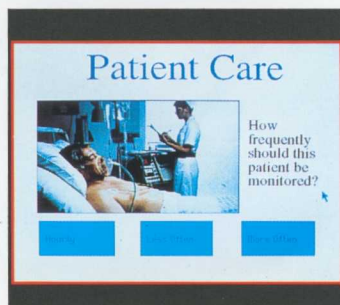
Many things are easier to demonstrate than to explain.

AMS is compatible with the leading video disc technology, enabling you to include video clips complete with soundtrack.



UNLIMITED POTENTIAL

- Design and structure courses in a graphical authoring environment
- Create simulation material as well as tutorial courseware
- Examine every development stage on screen
- Benefit from the high speed graphics and audio capability of the Acorn Archimedes and BBC A3000 computers



Test the student's understanding of the stages in a process.

Use the images from your graphics sequence to form the basis of questions.

Use television-quality pictures in interactive video sequences.

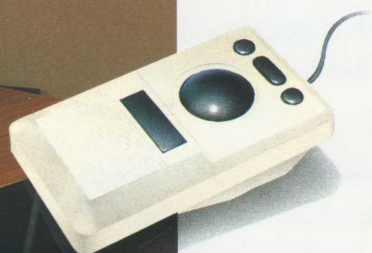
Use the video-capture board to capture images from a television or video source.



Lead a student through a procedure or process emulation without having text covering parts of the screen.

Provide step-by-step instruction in the form of a voiceover, incorporating it into your course by making use of an audio digitiser.





TOTAL MULTIMEDIA CONTROL

Comprehensive multimedia range

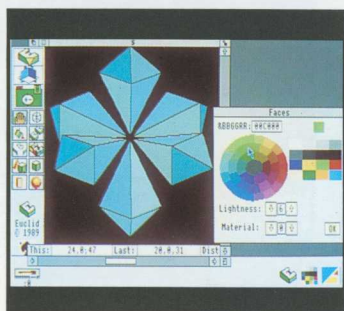
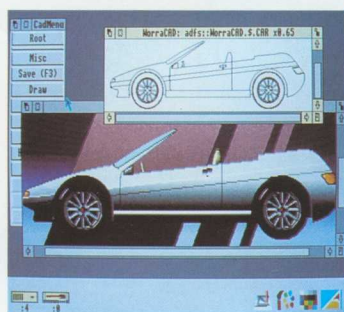
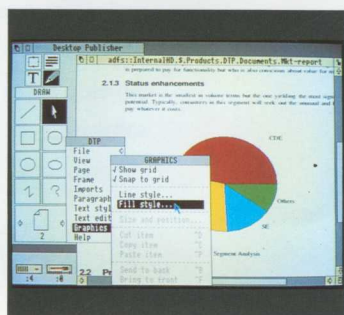
The Avanti authoring system provides the controlling mechanism to incorporate your choice of media into the overall training strategy. The range of media available includes:

- video disc
- CD ROM
- audio digitiser
- scanner
- computer animations
- video image capture

Any combination of these media can be used within a training course. For example, you can combine video from a CD ROM system with digitised audio and high resolution 3D graphics animations.

Each of the peripherals and software packages recommended for use with AMS has been fully tested for compatibility with Acorn products.





THE ACORN PLATFORM

AMS courseware can be run on any of Acorn's BBC A3000 and Archimedes series of computers.

Each machine in the range is based around the Acorn RISC Operating System – RISC OS – which gives you the most straightforward way of controlling computing tasks. Directing your Archimedes system with the windows, icon, mouse and pointer interface is easy to learn and exceptionally productive. Trainees may interact with the program using the keyboard, mouse or touchscreen (optional).

The Avanti authoring environment runs on any Acorn RISC OS computer with a hard disc. Avanti exploits the potential of the RISC OS multi-tasking system which allows you to run more than one application at a time and to transfer data quickly between applications. This is invaluable when authoring as you can work in, say, a 3D animation package while running Avanti at the same time.

The Graphical User Interface of Acorn's Desktop Architecture provides the ideal delivery system. The video circuitry of the leader of the Archimedes range – the Archimedes 540 – can support a range of colour monitors, including multi-scan monitor options, VGA or SuperVGA monitors and very high resolution monochrome monitors. This enables you to select the most appropriate monitor from the most economical to the highest specification.

In addition to the Archimedes range of computers, Acorn offers a range of UNIX workstations: the R140 and R200 series. To provide even greater flexibility, the addition of optional PC Emulator software enables MS DOS applications to run on any Archimedes or Acorn UNIX workstation.

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