

# CAPS (Computer Aided Presentation System)

The times they are a-changin'. Presentations, information systems, inhouse communications and multi media are today's buzz words. To survive in this highly competitive market one needs a highly competitive program. We, at 1001 Software Development believe that CAPS and the Commodore Amiga offer the best solution even for the most demanding users. A large installed base and many very satisfied users prove the power of CAPS.

## A few of today's CAPS applications:

- Television stations use it as a 24-hours-a-day news channel featuring text pages, digitized photos of commercials and news events.
- Offices and businesses use CAPS to inform their customers and personnel.
- Banks provide their customers with up-to-date information about exchange rates and foreign currencies.
- Police stations present in and out going officers with photos and information about wanted criminals.
- The Delft University in the Netherlands uses CAPS as an internal information system.
- We use it ourselves!...1001 Software Development presented with CAPS the results during the Amsterdam city council elections on an array of televisions in the city hall and on the Amsterdam cable network.

CAPS shows pictures, animations and text pages and can be controlled by a second computer. The second computer is connected to the Amiga via a null modem cable or telephone modem. This second computer can be any type of computer (IBM PC, Apple or Atari) and is used to make modifications to the pages and the display sequence without visually disturbing the user.

## In short:

- Real time editing on a remote computer.
- CAPS runs on a 1 Mb chip memory Amiga with a harddisk.
- Animations can be incorporated into the show.
- CAPS can be connected to networks like Ethernet.
- CAPS can be controlled by Amiga's, PC's, Mac's, Atari's etc.
- A special newsflash provides a fast message passing possibility.
- Durability and reliability are guaranteed: CAPS doesn't crash after a few hours.
- CAPS communicates via the serial port and uses the standardized VT-52 and VT-100 protocols. A null-modem cable or a telephone cable transports the signals.
- Multi-tasking makes it possible to edit text pages, modify the script and upload new data to the Amiga while the show is running.
- CAPS is very easy to use: sending a newsflash requires only a few keystrokes.
- Text pages can be displayed at pre-defined dates and times.
- Pictures in every Amiga display mode can be shown.

## CAPS applications:

- Offices
- Shopping malls
- Hotels
- Exhibitions
- Fairs
- Local television stations
- Police stations
- Civil service offices
- Banks
- Travel agencies
- Job centers

## Applications

Without doubt CAPS embodies one of the most powerful, flexible and professional presentation systems. CAPS is fast, reliable and poised for the future. CAPS goes beyond the tremendous capabilities of the Amiga and joins Amiga power with today's popular computer systems, local area networks and communication protocols.

## Offices

Offices can use CAPS as an internal presentation system. Photographs of new productions, accompanied by text pages and animations make the company vision clear and attractive. Visitors are confronted with all the company activities.

## Hotels

Hotels will connect CAPS to their cable network. One of the channels on every TV set will inform the guests about cultural events, which movies are running in local cinemas, where to go on sightseeing and what the hotel restaurant offers tonight. Commercial exploitation by running advertisements of local shops can make the channel a profitable business.

## Local television stations

Making television is an expensive business but leaving the channel unused is even more money wasting: connect CAPS to the network and broadcast local news, sports events, cultural information and advertisements.

## Presentations

Let your information be presented by a stand-alone Amiga or do it yourself by using the Amiga as a state of the art slide projector. A show featuring high resolution text pages, 3-D animations and beautiful wipes will blow the socks off your audience. Inform the people even when you have gone home by placing the Amiga display behind a shop window. Make full impact during annual reports, lectures, product introductions, faires or parties using CAPS.

## Hardware requirements

### Script driver computer

CAPS 5.0 runs on configurations with at least 1 Mb of chip memory and a harddisk. If you require the displaying of large animations then you will need an additional 2 Mb of fast memory.

The Amiga 500 is not suitable for applications running 24 hours a day. An overheated power supply will sooner or later cause a system break-down.

The Amiga generates an analog RGB signal which can be used with RGB monitors and some professional television sets. The signal transformation to RF or composite video can be carried out by genlocks, modulators or PAL generators. Prices vary between \$50 to several thousands of dollars for broadcast quality modulators.

When the workstation computer cannot be connected to the workstations by cable, you will need at least two telephone modems to connect the systems.

### Workstation computer

First of all: the workstation need not to be an Amiga. When the computer you're normally using features a serial port and a suitable modem/terminal emulation program you will be able to communicate with CAPS. Popular systems like IBM PC's (or compatibles), Apple Macintoshes and Atari St's all offer a range of terminal programs.

Although the systems mentioned above can be used to edit pages and to modify the script, they cannot be used to create colorful pages and animations. The specific features of the Amiga make it possible to digitize and modify video-quality photographs and to create high-speed animations. To do all this, you will need:

- Amiga computer (3 Mb and a harddisk recommended)
- Terminal emulation software
- Video camera, flatbed scanner or still camera
- Paint programs e.g. DeluxePaint and PhotonPaint