



Genesis Flex is a software-based classroom control system featuring the newest technologies available for multimedia interactivity. Running on standard Windows computers over your local area network, Genesis provides both instructors and students with the power and flexibility to enjoy high-tech learning the way it was meant to be.

Customers worldwide enjoy the unique features and economical price-points offered in the Genesis system. Because Genesis is software and requires no proprietary hardware components, many customers have installed four or five Genesis labs for the cost of a single, traditional hardware-based lab. With Genesis, you get a better system at a better price.

Contact us today to give the Genesis system a try. You'll be glad you did.

## Turn any Computer Lab into an Interactive Multimedia Lab!

**With Genesis Flex, complete control is always a click away. Following are just a few of the system's powerful features:**

- Automatically or manually monitor all computers in your lab. View all student screens simultaneously.
- Communicate with any student by clicking one button.
- Broadcast your screen and voice to individuals or the entire class.
- Share student screens with other class members.
- Utilize the built-in smart board to highlight, draw, or type on student screens.
- Teach any subject or the use of any software program.
- Remotely turn on or off lab computers.
- Lock or Darken lab computers.
- Launch software or the Internet on student computers.
- Block software or the Internet on student computers.
- Take control of lab computers.
- Send files to student computers. Automatically retrieve student files.
- Prepare and administer quizzes or tests using graphics and text.
- Track student attendance.
- Configure interface to match classroom layout.

### Genesis System Requirements

#### Supported Operating Systems:

- Windows 7
- Windows Vista
- Windows XP

#### Computer Hardware Requirements:

- CPU: Pentium [III] 600MHz
- RAM: 512MB / 1GB recommended
- HDD: 1.5GB of available hard disk space
- Single or Dual Display: min 1024 X 768 with 16-bit color
- Sound Card: Minimum full duplex sound card / AC97  
Compatible with individual microphone and headphone ports

#### Networking Requirements:

- Switch: Recommended 100 Mbps or higher
- LAN Card: Recommended 100 Mbps or higher with support for Wake-on-LAN / TCP/IP
- Wireless LAN: 802.11b/g/n

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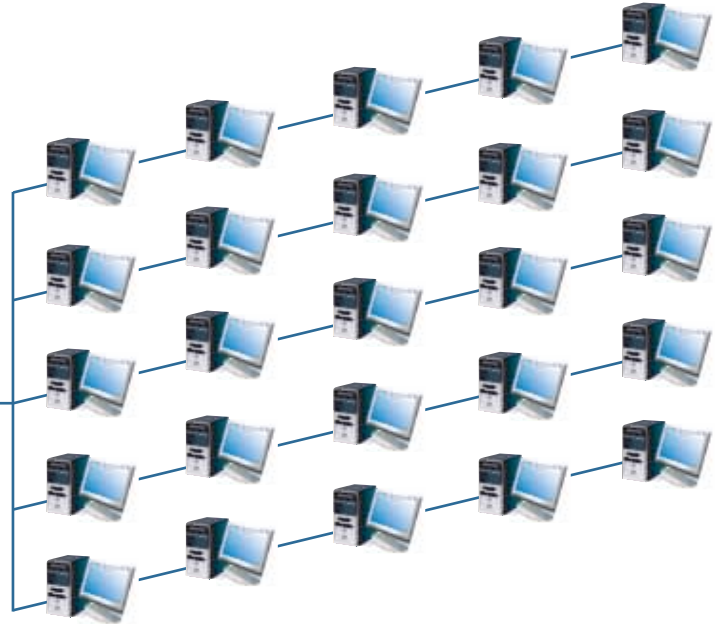
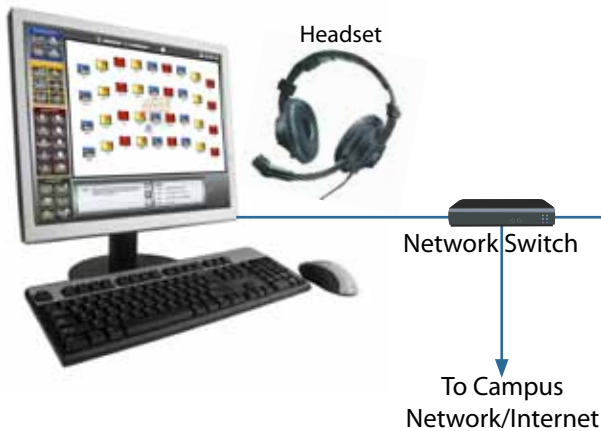
## Typical Configuration

A typical Genesis Select configuration consists of an instructor's workstation and several student workstations.

The instructor's workstation is as simple as a computer and a headset.

The student workstations also consist of computers and headsets.

### Genesis Instructor Workstation



## How it Works

Genesis Flex is a software-based classroom control system. It runs on Windows computers and communicates as a system over a local area network.

Genesis utilizes unique networking technologies to operate on a standard LAN, without burdening the network. High-bandwidth data communication such as screen broadcasts and audio communication function smoothly and efficiently.

All of Genesis' functions operate in real-time. When an instructor clicks a button to broadcast a student's screen to the rest of the class, all the students see that screen immediately and as clearly as if it were their own display.

### Genesis Student Workstation (Qty=X)



#### Following is a listing of the main Genesis Flex functions:

- Broadcasts instructor's screen (full-resolution, full-motion, real-time) to student computer screens.
- While broadcasting instructor's screen, simultaneously broadcast instructor's audio.
- While broadcasting instructor's screen, use a digital "Smart Pen" to draw on the screen.
- Pause the instructor's screen broadcast at any time.
- Change the instructor's screen broadcast between full-screen and window mode.
- Broadcast a student's screen (full-resolution, full-motion, real-time) to any or all other students.
- While broadcasting student's screen, simultaneously broadcast student's audio.
- Remote-Control a student's computer while simultaneously talking with that student.
- Monitor student screens non-invasively by showing thumbnails of all student screens on the instructor's monitor. Click on a student screen thumbnail to enlarge that screen to full-size and perform related functions with that student.
- Broadcast instructor's audio (microphone, computer audio) to any or all (All Call) students.
- Broadcast a selected student's audio (microphone, computer audio) to any or all other students.
- Intercom with a selected student (two-way audio communication).
- Monitor the audio from any selected student computer without that student knowing.
- Allow for students to "call" the instructor by the push of a key.
- Provide visual display of students that have called and the order in which they have called.
- Answer student calls with one button-click.
- Lock any or all student keyboards and mice.
- Darken any or all student screens while simultaneously locking their keyboards and mice.
- Remotely start applications on any or all student computers.
- Remotely load files into applications on any or all student computers.
- Remotely open websites on any or all student computers.
- Monitor open applications on any or all student computers without monitoring their screens. A list of students with their open applications is shown.
- Terminate applications and internet on any or all student computers.
- Disable selected applications and internet on any or all student computers.
- Transfer any type of data files to any or all student computers.
- Retrieve any type of data files from any or all student computers and save the files locally or on a server.
- Provide automatic multiple choice, essay or true-false tests to any or all students. These tests may be timed and automatically retrieved and graded – all digitally. These tests may include text, graphics, audio and video.
- Customize the graphical layout or any given classroom - save by class.
- Show student names next to each student icon in the instructor's interface.
- Designate gender at student at login, which then displays male or female icon in instructor interface.
- Remotely power-on, off, restart, log-off any or all student computers.
- Automatically take and store student attendance.
- Record the instructor's screen usage (with sound).