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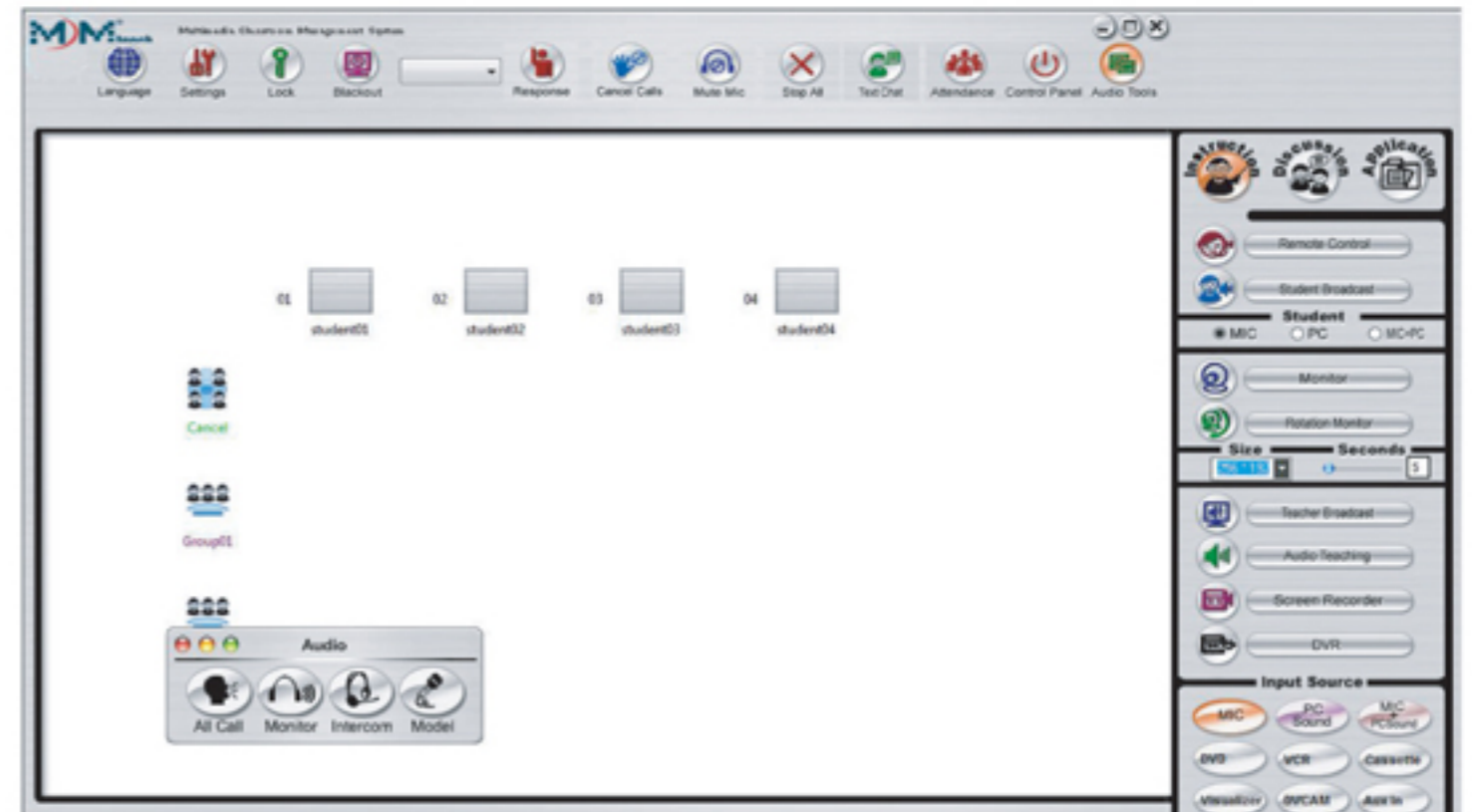
Multimedia Classroom Management System (MCMS)

MCMS

MCMS is a versatile software based teaching system with easy to use interface and modular architecture. Teachers are equipped with a number of tools that allow them to quickly and easily introduce new programs with the modern teaching materials (text, images, audio, video and graphics) for a wide variety of subjects.

TEACHING TOOLS

- 100% User-friendly and intuitive graphical user interface
- "Voice Only" panel for simple audio teaching
- Listen and Discuss with a selected student
- Talk to selected student, groups of students or all students in clear audio
- Share teacher screen (with audio / video / Powerpoint / presentations / flash animations) and Talk to selected student groups of students or all students at the same time in clear audio with annotation
- Record teacher screen with voice (WMV format) for future review
- Distribute files or assignments to selected students, groups of students or all students
- Collect files or assignments from selected students, groups of students or all students
- Remote Launch software applications on selected students, groups of students or all students
- Remote Launch "Internet Explorer" with specified website for selected student, groups of students or all students
- Broadcast video file to selected student, groups of students or all students



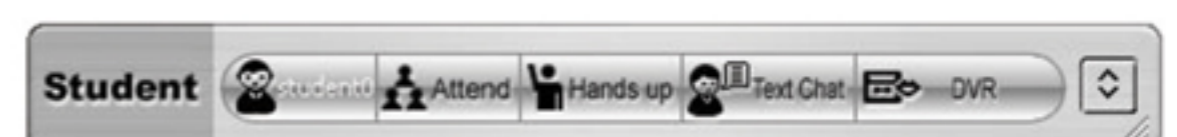
Teacher Main Window

CLASSROOM CONTROL TOOLS

- Lock / Unlock selected student, groups of students or all students PCs keyboards and mice
- Blackout selected student, groups of students or all students PCs screen with keyboards and mice locked
- Remote Control and Talk to a selected student PC in clear audio with annotation

STUDENTS ACTIVITY ADMIN TOOLS

- Monitor selected student, groups of students or all students screen (with audio / video / Powerpoint presentations / flash animations) with adjustable thumbnail sizes
- Automatic Scan selected student, groups of students or all students screen one by one in full screen with adjustable rotation time
- Real-time monitor the active and background software applications on all students PCs with terminate function
- Allow or Deny access to particular URLs on all student PCs according the school's policy
- Allow or Deny access to particular applications on all student PCs according the school's policy



Student Tool Bar

COLLABORATION TOOLS

- Share a student screen (with audio / video / Powerpoint presentations / Flash animations) and talk to selected students, groups of students or all students in clear audio at the same time with annotation
- Set discussion topic and assign students into discussion tables for voice conversation in clear audio and text chat in Pair / Random Pair / Group / Random Group
- Store the voice conversation and text chat of all discussion tables for future review
- Enable / Disable / Response / Cancel student PC hands up calls
- Send text message to selected students, groups of students or all students
- Students can Send text message to teacher

ADVANCED FEATURES

- Support single or multiple monitors setup for teacher
- Support maximum 200 classroom channels
- Support multiple classroom channels
- Remote Log-in selected student PCs
- Remote Power Off selected student PCs before/after Log-in
- Remote Power On, Log-Off, Restart, Disconnect selected student PCs
- Support multiple student icon name display options (Windows log-in name / Student's Sign-in name / Student's name in Windows Active Directory / Student's computer name)
- Support wallpaper and male / female student icons
- Support multiple operation status display
- Store school name for anti-theft purpose
- Support male/female student registration
- Attendance registration & record
- Tools for creating seating plan matching with classroom actual layout
- Control and Store different record source and volume level settings for different audio functions on teacher and student PCs
- Automatic Enable / Disable the [Ctrl + Alt + Del] hot key of student PCs in different functions
- Store class settings
- 100% Unicode compliant
- Stretchable teacher control panel
- Mic Mute function

SYSTEMS REQUIREMENT

Operating system

Windows 2000 / XP / 2003 / Vista
Microsoft DirectX 9.0 or above
Windows Media Player 10.0 or above

Computer

CPU: Pentium III 800 Mhz or higher
RAM: 256MB memory or above
HDD: 300MB free hard disk space
VGA: 64MB display memory or above
100/1000Mbps Network interface card and TCP/IP protocol
Full duplex sound adapter compatible with AC 97 / HD Audio / Creative Sound Blaster

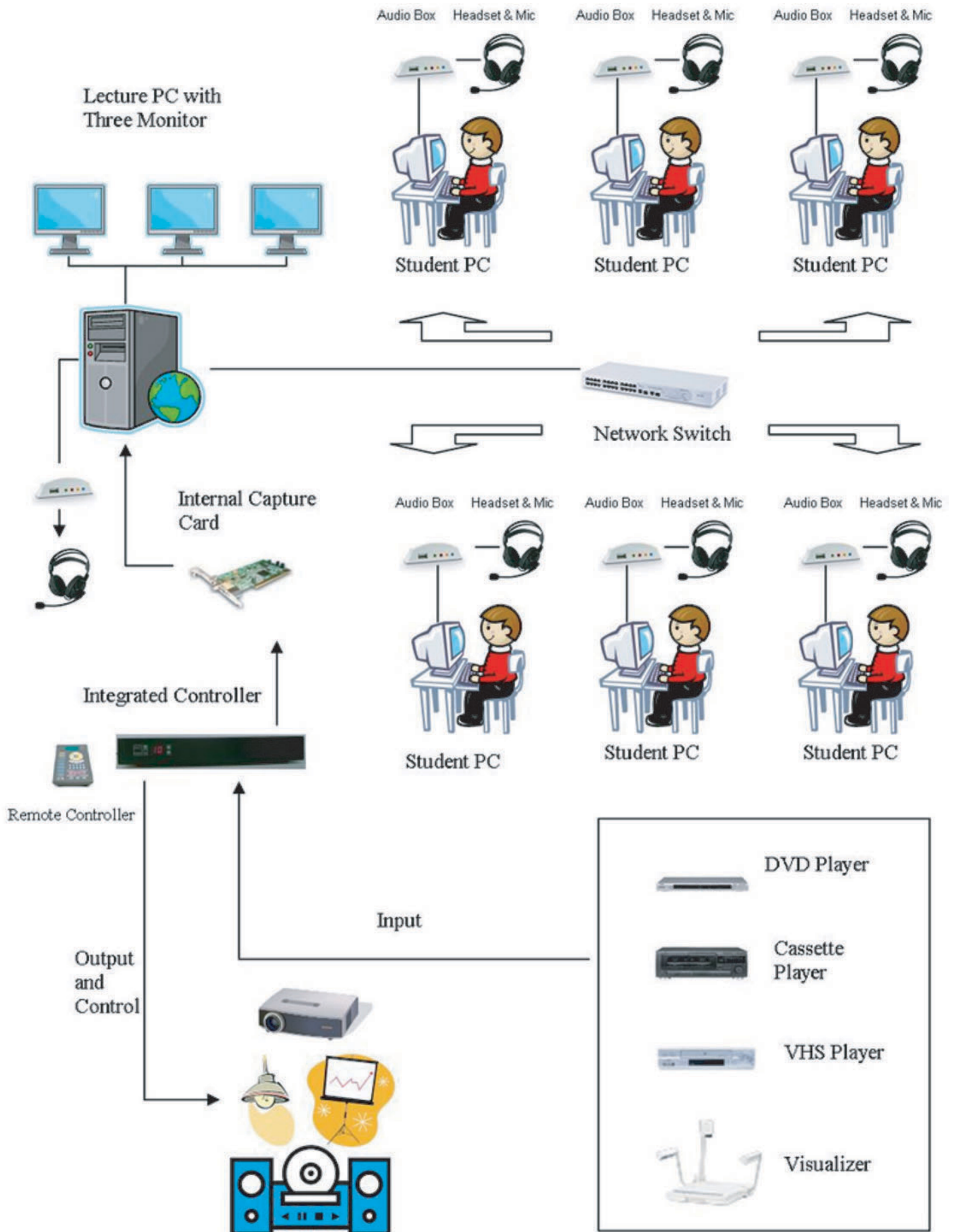
Network

100 / 1000Mbps Ethernet switch network

EXAMINATION TOOLS

- The preparation module can set the type of test or exam text, sound, picture, video, or a combination and the exam time
- The administration module can deliver the test or exam to students, terminate the test or exam and records the students' responses
- The assessment module can list the students responses, grade each student's test or exam responses and print or save the grading results
- Support both text based and multimedia based (picture file / audio file / video file) "Multiple Choice", "True / False", "Fill in the blank" and "Comprehension" questions
- Display the exam time counter on teacher and student screen
- Anti-plagiarism feature
- Export function

Multimedia Classroom Management System Diagram 02-CMS-2115



OPTION MODULES

Language Laboratory Software Module 02-CMS-2116

- For language teaching and self-directed language study
- Support common media file formats
- Two audio tracks (master and student) with independent volume setting and play / record / pause / stop buttons
- AAC3 compliant
- Voice graphs for students view and compare
- Caption editor
- Bookmark editor
- Recap and Repeat function
- Remote Transfer materials file to students
- Remote Collects / Save student recordings
- Variable speed playback
- Support PCI / USB capture devices to Convert analog source media content to digital format



Analog Media Player 02-CMS-2117

- Send analog source media content to students directly
- Store the analog source media content during sending to students
- Independent adjustable video window for teacher and student

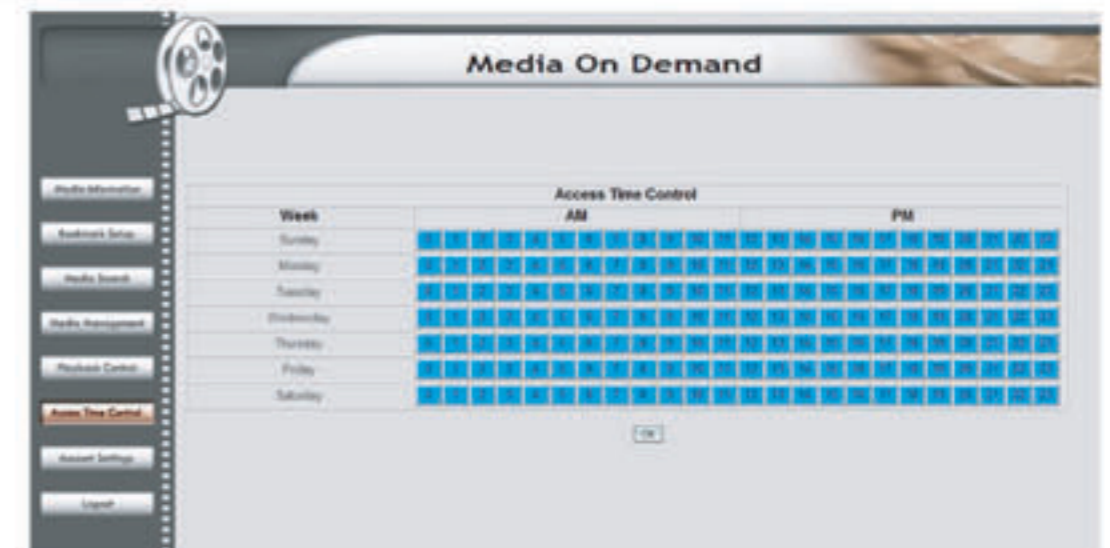


Analog Source Program Controller

- Manage a variety of analog sources program, such as DVD, VHS player, LCD projector, and etc
- Control interfaces include software, wireless hardware panel (option) and web based (option)
- Other options include Video to RGB converter, Motorized Screen Control and Lighting Control

Media-On-Demand Solution 02-CMS-2121

- Media On Demand Solution easily can broadcast dozens of different media to different student / client PCs concurrently at any time. Lecturer can 100% control the broadcasting of media files to student / client, and student can review the archived learning progress media
- The Media management having simple and easy function such as add, delete, playback, upload and etc... Its also supports any media formats which Windows Media Player supports such as ASF, WMV, WMA, MP3, etc...



OPTION ACCESSORIES

Integrated Media Controller 02-CMS-2118

- AV Input, AV output (Composite)
- VGA Input, VGA Output
- Power LED
- Wireless Remote Port
- Microphone Input
- Master Volume Control
- Treble Volume Control
- Bass Volume Control
- Power Switch
- Infrared Input
- Serial Link Port (RS232)
- Ethernet Port



Professional Multimedia Headset 02-CMS-2119

- High clarity microphone with noise-canceling function
- Rotary and adjustable microphone boom
- Volume control unit-*+



USB Audio Box 02-CMS-2120

- Built in USB sound card compatible with any PC or notebook
- USB v1.1 and v2.0 compliant
- Easy Installation (PnP)
- USB bus powered
- Software-controlled side-tone
- Noise cancelling
- Input/ Output

