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Educent Virtual Classroom Live Online Teaching

Educent Virtual Classroom allows teachers to deliver live classes through real time communication, collaboration and interaction assisted by live video and audio sharing, whiteboard streaming, file sharing, text chatting, screen sharing, recording and broadcasting.

Virtual Classroom is a solution which enables teachers to teach in a live environment over the Internet to geographically distributed students. It can be accessed on different devices such as a PC, Mac, iPhone, iPad, Android phone etc. It is optimized to utilize existing Internet connection, whatever the bandwidth to get clear video and audio communication.

Tools Integrated		
	• Video	• Screen Sharing
	• Voice	• File Sharing
	• Whiteboard	• Recording
	• Text Chat	• Broadcasting

Features of Virtual Classroom

Educent Virtual Classroom has many essential features for seamless collaboration between teachers and students. It covers almost everything teachers need to engage their students geographically.

File Transfer on the Fly	It allows you to send files during live classroom session without using third-party. Can share files of various types: photos, audio and video files, documents etc.
Bi-Directional Communication	HD video-conferencing. Full-duplex Voice over IP. Public and private chat. Different viewing modes
Supports Multiple Devices	Teacher and students can host and join from multiple devices— PCs, handhelds and mobile, cell phones, smart phones.
Advanced Bandwidth Management	Dynamically adapts communication parameters. Upgrades or downgrades depending on CPU capacity, available bandwidth and network delay.
Live Feedback System	Live feedback system to gather participants' responses and create instant report to measure their performance.
Powerful Moderation Tools	Grant webcam & microphone access for students, allow/disallow whiteboard control, sharing documents & presentations, and screen sharing.
Scalability	The solution offered is highly scalable and allows the upgrade of the system in an easy and transparent way. Interoperable with existing IT and communication environments

Raise Hand Feature	Participants can use the 'raise hand' feature to get the teacher's attention to ask questions similar to hand-raising in the physical classroom.
Real-time collaboration	Real-time collaboration with screen sharing, white boarding, annotation, file transfer, recording, etc. Teachers have the ability to stream content, video, whiteboard and annotations from their PC/Mobile devices onto displays wirelessly.
Session Recording & Playback	Allows to record the classroom session with HD audio-video and data for later use, students can store the downloaded file on their PC in native file format.
High Quality Voice Over IP (VoIP)	Supports crystal clear live audio streams over transmission protocol to reduce audio latency. High quality audio system is integrated.
Real-time audio & video Conferencing	High quality audio-video conferencing for real-time media collaboration, communication and assessment. It is perfect for multi-site collaboration with up to 25 locations where users can join from anywhere, using any device – pc, mobile, room endpoints
Instant Messaging	Look & feel similar to other MS-Windows applications, using standard communication protocol. Federation with consumer Instant Messaging solutions such as MSN Messenger, Google Talk, AIM, Yahoo Messenger etc.

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