Florida A & M University Video TelePresence

Florida A & M University Transforms Communication with Video Conferencing

Video is permeating our educational institutions, transforming the way we teach, learn, study, communicate, and work. A key pillar in the drive towards improved digital literacy, video brings considerable benefits to educational institutions ranging from streamlined admissions to increased retention and improved learning outcomes.

Florida A & M University’s Office of Information Technology (OIT) transforms its Educational Offerings and Business Meetings with Video Conferencing, by delivering Real-Time Distance Learning, along with face to face meetings without having to move from place to place.

Smart Classrooms are now being equipped with Cisco TelePresence two-way high-definition (HD) cameras for streaming live classroom content to students at remote campuses and locations. TelePresence give instructors the ability to collaborate with students, educate them regardless of their location, and prepare them with the skills needed to continue their education locally. Many of the courses are recorded and can be replayed for later viewing.

The Office of Information Technology offers video conferencing options that can be used to meet and collaborate with colleagues across campus or around the world, reducing travel time and expense while increasing communication and sharing information.
FAMU Future TelePresence Infrastructure
Grand Ballroom

The recently remodeled Grand Ball Room is considered an absolute show piece for Florida A&M University. It's unlimited functionality to host events include but won’t be limited to Formal Events, Board of Trustees Annual Meeting, Global Conferences, Student Government Association Events, Local, Regional and National Summit Conventions. The remodeling not only includes stunning décor changes but also includes the state of the art technology upgrades that make the space truly one of a kind.

With strategically placed Projectors, Electric Screens, Cisco Cameras and Speakers, the space can be set up in multiple configurations allowing groups of any size up to capacity to enjoy the technology from any location within the room. Highlights of the technology include Cisco Video Conferencing which will allow participants anywhere in the world to participate via video conferencing and collaborate with FAMU faculty, staff, and students. For years to come, The Grand Ballroom will host all types of events that will be enjoyed by many.
Grand Ballroom

The President’s Round-Table Discussion on Friday, May 1, 2015 in the Grand Ballroom. There was one remote video participant in the discussion. Dr. Robinson of Baltimore Maryland from Morgan State University was able to see and hear clearly, utilizing Cisco Telepresence and Crestron Airmedia.
Grand Ballroom

FAMU is fostering relationships between The HBCU Alliance and Brazilian College and Universities utilizing Cisco Telepresence and Crestron Airmedia in the Grand Ballroom.
Grand Ballroom

The Florida Agricultural and Mechanical University (FAMU) Board of Trustees Meeting
Grand Ballroom

Women’s History Month, March 2015, using Crestron AirMedia to send power points presentation to screen and surround audio system.
President Conference Room

The President Conference Room is equipped with a Cisco SX80 and the Speaker Track 60 dual camera system, which features a unique, direct, fast switching approach for active speaker tracking. Along with a 60” and 80” monitor.

Also using AirMedia you can walk into any meeting space and wirelessly present PowerPoint, Excel, and Word documents, PDFs, photos, and screen shots from your personal iOS or Android mobile device on the room display. Mac and Windows notebooks also connect seamlessly, making presentations and collaboration from almost any device incredibly fast and easy.
The Conference Room in Lee Hall on the FAMU Tallahassee campus video conference with the Orlando Law School Conference Room, in preparation for the upcoming Board of Trustees Meeting.
The Conference Room in Lee Hall on the FAMU Tallahassee campus pushes Video Content to the Orlando Law School.

The NCAA video conference was also hosted here on June 19, 2015 from 9am-10am (EST).
State Of The Art Smart Classrooms

Each room is equipped with an automated control system that will allow the instructor to teach using a multitude of devices to include a Podium PC that's connected to a Smart Technology Monitor. The Podium PC provides them the ability to use smart board features right at the podium location. Each room also has a Document Camera, Blue Ray Player and a connection box that has a HDMI, VGA, and Composite connections for outside media sources to include laptops and older media forms. Each room is outfitted with a projector and 10’ electronic screen to display content as well as wireless microphones for presentations. Once the instructor enters the classroom, the instructor select the “System Power” from the desktop program and the system turns on which powers up the projector and drops the electronic screen. See desktop program below:
The instructor then selects which media type he/she would like to use and the instructor is ready to begin.
Classrooms with Video Teleconferencing (VTC)

Classrooms with a Cisco Video conference system will have the additional ability to connect with other classrooms within FAMU or any other University as either a teaching or receiving site. Each classroom is equipped with 2 cameras so the far site can either see the students (receiving site) or the teacher (teaching site) allowing the room to be multipurpose. With the combination of normal classroom technology equipment and the Cisco VTC equipment, these room are able to handle distance learning at the highest level. Please see VTC XPanel control below:
School of Architecture Room 112

Dr. Emile Dixon of Tuskegee University provides distance learning to Architecture Students at Florida A & M University.
Dr. Andrew Chin of Architecture inspects the remote video content quality. The School of Architecture has increased Distance Learning Students with Cisco Videoconferencing. The School of Architecture now has distance learning students located in various cities and states, such as Tallahassee, Florida, Jacksonville, Florida, Miami Florida, Atlanta, Georgia and Chicago Illinois. The distance learning system has been tested and works.
School of Architecture Room 111

Distance learning Doug Greenwell is in Jacksonville Florida and Lauralee Normand is in Tallahassee Florida both are full time employees. The distance learning system has been tested and it is working well. Dean Andrew Chin of The School of Architecture was a participant in the first Distance Learning Classes offered on Campus.
Dean Victor M. Ibeanusi of the School of the Environment test drives the new Cisco TelePresence.

College of Pharmacy PHA3571 Intro to PDA 3C2 Video Class Recording.
Factors that can affect the bioavailability

- If sustained release
- Food
- Time of day
- Coadministration of Antacids
- Chemical form - Aminophylline is 80%

FAMU Crestview Campus for the 2012-2013 academic year, started with the professional first year students. Our Crestview site initially started with 30 students enrolled along with 150 in Tallahassee. That was about 16 courses across the two semesters.
Dr. Antonio Soares of the School of Engineering Technology, located in Benjamin Banneker B, Classroom 201B is teaching Electronic Principles.
The Office of Information Technology’s TelePresence Video Conference Room allows individuals to meet face to face without moving place to place delivering an immersive collaborative environment with an in person experience. The Cisco TelePresence System 3010 allows 6 people to connect with up to 48 locations.

The Cisco TelePresence System 3010 is ideal for customer engagements with small or large groups, supply-chain optimizations, press and media briefings, or regular team meetings.

The Cisco TelePresence System 3010 system includes:

- Three 65-inch plasma screens and a specially designed physical table that seats 6 participants on each side of the virtual table
- Additional LCD display for sharing rich media content and other data using simple auto-collaborate functionality
- Integrated cameras, lights, microphones, and speakers that optimize the experience and use less power than a Cisco TelePresence System 3000