

**EMTC Fall 2010 Meeting Minutes**

**Thursday/Friday October 21/22, 2010**

**University of Wisconsin-La Crosse Wing Communication Center**

EMTC Members attending in person: Jay Unseth UWRF, John Lee UWEC, Bill Hubbard & Mike Schmitt UWGB, Jamie Poindexter ICS, Jim Jorstad, UWL, Tino Kaltsas UW-Platteville, Linda Wawiorka, UW-Parkside, Shelly Allen UW Whitewater, Jay Conley UW Superior, Scott Bouffleur UW Colleges

UW Guests: Terry Wirkus & Larry Sleznikow UWL, Steve Wenger Viterbo, Mike Thornton

Remote Attendees: John Gosz, UW Stevens Point

Jim Jorstad – Official Intro

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HD Video Discussion: Marshall Carlson: Crestron/Darrin Kimsey - Extron

Explained A+ Education partner program.

Media Technology Today: World is moving to HD \* Premium HD Content won't be available over analog outputs – HDMI is medium of choice – Professional systems will need to handle encrypted content. VGA is going away

Move to HDCP – Content providers, no matter which, want more control over content. HDMI only devices will become the standard.

Infrastructure will need to change – from devices to cabling to displays.

Make sure to purchase a projector with some kind of digital input from this point forward

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9:45 – Darrin Kimsey – Extron:

Analog sunset - shut off will mainly affect blu-ray players

EDID – Display sends resolution information and native resolution to source. Can become mismatched.

EDID Minder – Extron product which maintains resolution

Twisted pair TX/RX seems to be the solution for longer runs of source to display

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10:45 – Marshall Carlson Crestron:

New Digital media G8? Will allow for transport of DM data from source to display over one cat5

CTI Institute – New class in Digital Media – 1 day design and 3 day full engineering style class. \$1000 course registration fee but same deal for meals, transportation, etc..

DM Switchers – many inputs/outputs, standalone all-in-one DM units on the roadmap.

IPAD App now available – and also docking stations coming in roadmap.

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11:00am – General DM discussion:

CEC: Consumer Electronic Control: 1 wire serial bus connecting devices together to allow multiple CEC enabled boxes controlled from one command

Cabling specs – Crestron recommends using their own proprietary cable, vs. generic cat5. Jay Unseth mentioned grounding can be an issue and with more and more video/audio being distributed this way is an issue to consider.

Jim Jorstad: How can UW system building projects do a better job to work with general consultants to get the end users in front of the design? Crestron and Extron recommend of course interviewing many consultants. Jamie P recommended hiring the AV contractor first prior to the Architect

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1pm – Campus Tour Brant Meyer:

Brant gave a tour of UWL's new "standard" Digital classroom setup and also the standard analog room. Extron Medialink controllers were standardized in the analog rooms, and an Extron scaler is used to prevent resolution conflicts, etc with the display devices. Newer Extron touch panels are in use in the newer digital classrooms, some using DVI switchers and some using HDMI switchers. Extron Global View Enterprise is used to monitor and schedule rooms.

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2:15pm – Lecture Capture - Apple – Keith Mountin [mountin@apple.com](mailto:mountin@apple.com)

Automated Lecture Capture: Podcast Producer – part of OS10 Xserver – unlimited license – can connect to ADUC and LDAP. Traditional lecture capture: Recording/Capturing a live class, discussion etc.

3 steps: Capture/Encode/Distribute

Capture software can do video, screen, dual ( all with audio ) or audio only. Can run standalone on a Mac or be web based with an integrated system.

Permissions/workflows specify what resources users have access to – both during capture and publishing/distribution.

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2:45 – Lecture Capture Tegrity: Bryan Arvison

Tegrity Campus ( Cloud Powered Lecture Capture )

Recently Acquired by McGraw-Hill

No hardware software or classroom based appliances – all content stored in Cloud. Some content can be stored locally, but the main interface is always cloud based. Computer and microphone all that is needed along with Webcam for video

Content distributed to CMS, AD, etc with live agents vs. scripts. D2L is the only one that is not directly live integration. Live book marking is available during lectures adding your own comments or notes that are private to you as a user. In-context chat/collaboration is also available.

Students can also do their own recordings with webcam/microphone and be viewed and reviewed by instructor.

Live Webcasting, Remote Proctoring, & Student Recording allowed.

3:15 – Mediasite/Sonic Foundry Chuck Coopman

Noted that 4 years ago that Lecture capture was only a concept, now it's a nationwide product with Institution-Wide RFP's, etc..

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Sonic foundry Named #1 Market leader globally in Lecture Capture. Appliance Based solution with company hosted or client hosted (server- based) content.

Recently Announced technology partnership with Camtasia Relay

Recently Announced ability to play media on MP4 devices

Growing part of SF business is on-site webcasting production.

Microsoft Silverlight is increasing being used for playback and also remote control interfaces.

Wisconsin Company – 2001 beginning of lecture capture business, around since 1992.

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4pm: Open panel discussion with 3 Lecture Capture Vendors

Q: Jim Jorstad: When you have a lecture capture solution, do faculty want to capture themselves or not?

A: Chuck/ SF are probably 50/50 yes no, students like to see the video of the fac member and retain knowledge better seeing hand gestures, facial gestures, etc...

A: Keith /Apple: At least a still photo of talking head is of value, video is dependent on content but most likely just screen and audio unless necessary

A: Bryan/Tegrity: More value to talking head for ONL courses where students never see instructor, vs live lecture/archive hybrid.

Q: Jay Unseth: Is synch between audio and video a problem?

A: Brian/Tegrity – not really an issue, even with adjusting speed

A: Keith/Apple – no

A: Chuck/SF – can be affected by upstream bandwidth sometimes

Q: Scott Bouffleur –Average duration of storage for archived lectures?

A: Keith/Apple – high profile stuff kept for a while, delete semester based stuff each year

A: Brian/Tegrity – you manage yourself, tegrity has no restrictions

A: Chuck/SF – 1-2 semesters most common

Q: Bill Hubbard – Break point for vendor hosting vs. end user hosting – any formula?

A: Chuck/SF – Difficult to quantify – how much storage and bandwidth do you have of your own are the 2 biggest questions.

Q: Jim Jorstad – What is the most common question from customers to you as a vendor, and how do you answer it?

A: Chuck/SF – Faculty Resistance (MY Intellectual property, student's wont come, might end up on YouTube) . Reply is that it is secure, streamed (not downloadable)

A: Brian/Tegrity - Faculty don't know what is going to happen, scared. His reply is that there are many documented cases from students on how the LecCap has helped their learning. IT always want to know about storage, security, bandwidth requirements.

A: Keith/Apple – Does it work on a PC? Yes.

Q: Larry Sleznikow – Any true study on actual performance of students and attendance? Anything new on the horizon?

A: Brian – Tegrity – studies done Educause and UCAR have done some, UW Madison also did one sponsored by sonic foundry. Much of the info is anecdotal evidence, but much of it is positive. Not really in large scale enough use to track large numbers yet.

A: Keith/Apple: Seems to be based more on whether attendance is required whether stream is available or not.

A: Chuck/SF: UW Madison/SF Did study was done on preference of having lecture capture available – 82% of students said yes. Attendance overall is down even in F2F lately.

Q: Bill Hubbard – How does Tegrity capture non pc-connected devices?

Brian – Generally capture the feed to the local screen and use some kind of USB adapter/encoder and feed back into capture PC.

Closing Comments:

Chuck: SF – Contact for further info. Also have the MUG Media User Group – monthly meetings, via stream, etc.. user group conferences in Madison in spring. Thanks for having us

Apple: Matt Ebert and Keith – thanks for your time, we (Matt and Keith) are your team in Wisconsin if you have questions.

Brian: Thanks for the format, nice to have a forum layout. Tegrity is easy, quick all about automated tight solutions.

Adjourn: 4:46pm. Dinner at Buzzard Billy's

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Friday, October 22:

CVN – Chancellor's Video Network – Jamie Poindexter:

- Demo of CMA video conference desktop software and MOBI desktop – has not been decided which one will be used first. Both products log into a gatekeeper server which will be located somewhere in Madison.

- MOBI and CMA desktop clients run on desktop, very similar to an IM software like Yahoo Messenger, AOL, etc..
  - Both Clients can call other clients via gateway or H.323 endpoints/MCU's
  - First 3 years of CVN bridging will be free to campuses because of contribution for infrastructure, which will be for Administrative use only....which would include EMTC/ITMC groups, etc...
  - Jamie/ICS would like to extend a desktop client to each EMTC rep
  - John – UWSP – Using Microsoft Office Communicator, wondered how it might integrate with this product
  - Security ramifications – what are the firewall concerns? Does the desktop software require port settings? CMA demo seems to pass through with no issues, more research will be needed. Firewall transversal devices are also available.
  - Polycom/CMA or Tandberg/MOBI is the decision ICS will have to make – want it to be as future proof as possible, Tandberg/MOBI seems to be the most so far
  - Last piece of the puzzle is what to do with Whitewater and Madison who have Cisco Telepresence units. Currently they do not interact directly with Polycom/Tandberg. Tandberg can bridge with a Telepresence Blade today.
  - Summary by Jamie – Main plan is to expand/enhance bridging infrastructure and add new services in the most future-proof way possible. New bridge will still support SD and ISDN as well as HD.
  - Bill Hubbard asked what most common option selection was for CVN purchase. Mentioned that Polycom support is less than stellar at times. Scott mentioned that he has had better luck dealing with SKC directly.
  - UWGB mentioned an issue with intermittent content dropping, both in multipoint and point to point call. Scott added a comment that the issue sometimes presented itself with VS/VSX codec integration.
  - Deadlines for CVN purchases. ICS will make decision in next 2 weeks, PO will probably happen beginning around beginning of November.
  - Potential beginning of operations with new MCU before start of fall semester.
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#### 9:15 – Wireless Projectors – (Jay Unseth )

- UWRF asked about options for wireless connected projectors
- Scot UW Colleges- have one Panasonic PTF unit, not easy to configure for multiple users. Once connected it works fine for a single connection
- Shelly UWW – had NEC models and actually removed the WIFI cards because of issues

- Question was raised as to if there are any non-wifi solutions available, no attendees seemed
- Discussion also proceeded on who might be using cat 5 or Ethernet transport from rack to projector. UWL is using cat 5 ethernet drivers. No one is all Ethernet yet. Scott added that being on IP/Ethernet driver, you are also at the mercy of the DHCP server to keep the connection up and running between the projector.
- Discussion ensued of what projector brands are in use – across the board at each campus – NEC, Panasonic, Mitsubishi, etc. Of note, the Panasonic 3500 series seems to be problematic to multiple campuses.
- One common theme among campuses is that all any new projectors being installed are going to be 16X9
- Bill Hubbard asked what campuses procedure for power cycling on projectors is – Sharp told them that they should run all day to extend bulb life vs. cycling on and off constantly. All other campuses are cycling at beginning and end of class.
- John Gosz and Bill Hubbard both mentioned that they are looking at going with LCD/LED displays vs. projectors anywhere space or size of room warrants.

10:45: Educause update – Jim Jorstad

Hot topics were:

- LMS Integration with PDA/Handheld appliances
- n5000-6000 attendees
- Went to presentation on how to build labs/rooms on low budgets.
- Discussion proceeded on group dynamics and how/who should be involved in design and planning IT based projects. One idea is to always ask “who should have been at this meeting” at the end of each, and “who should be invited to the next meeting?”
- Jim highly recommends attending the national Educause at least once – gives you a much bigger picture of what happens across the country. User groups in different disciplines keep in touch throughout the year, there are also regional conferences.
- Jim also recommends the UW President’s summit on technology. Presenters are always looked for and a good way to get your info out to the rest of the UW system.
- Jim also recommends EMTC try to apply for/work with LTDC on curricular grants. Possible things would be to talk with OLIT on making membership and other things identifiable to OLIT/UW System
- Discussion about whom/how EMTC is represented and who represents the campus ensued. Bouffleur checked bylaws and noted that the Chancellor of each institution appoints said EMTC reps. Chair needs to contact UW Madison and UW Milwaukee on who should be official rep as JoAnne Carr has retired, and UW-Milwaukee has not attended recent meetings.
- One challenge to sharing info and collaboration is that many campuses have groups internally that do the same thing.

Misc Discussion:

- Jay will be working with Scott to get member list and website updated, find official reps when none exists, and consider listing alternates.
- Jamie reminded folks to log in and update their campus specific information on the website. Anyone unable to access or log in should let Jay know and he'll forward to the UWEX web team.
- Jamie displayed the ICS common info site which has links to many video sites around the state with contact info, number/capacity of rooms, etc.. Could eventually become a master directory.
- Treasurer's report: \$141.75 – No expenditures last year, will not be paying Waden membership anymore. Jay asked if UWL has any charges to EMTC for hosting current meeting, Jim Jorstad will check and let us know.
- Jim raised the question about the registration fee at spring Joint meeting, can any of that come back to EMTC for minor yearly operational charges. Can we charge a small "registration" fee at each meeting?

Jay Unseth makes a motion to officially attempt/research add an Annual Membership fee for each campus/rep.

Second- Jim Jorstad: in favor – all, opposed, none, abstaining, none.

Motion to Adjourn – Scott Bouffleur: Second - Jay in favor all/opposed none.

Respectfully Submitted,

Scott Bouffleur – Secretary  
EMTC – November 3, 2010.