

# Collaboration Quarterly

A publication of CSO/NICS Collaboration Services, a service provider to the NASA Communications Service Office

## Hardware Highlights

### Extron SMP-351 Video Recorder



Extron SMP-351

*Collaboration Quarterly is designed to keep you up-to-date on the newest offerings and features available to you and your customers. We hope you find the newsletter a useful tool for engaging and informing current and potential users of CSO/NICS Collaboration Services.*

Since the advent of digital video, recording High Definition (HD) video content has been a tricky proposition. Navigating the complexities of digital interfaces and HDCP (High-bandwidth Digital Copy Protection) in order to create a recorder that can record to removable media has proven difficult and costly. However, the new Extron SMP-351 streaming video recorder provides affordable HD video recording with proven reliability which made Extron an industry leader.

The Extron SMP-351 can record single or dual (windowed)

video inputs and audio into a single HD recording. A single input will record full screen. A user can choose from several preset layouts to combine two inputs into a single video recording. For example, you could record a presentation from a PC and include a small window with a camera shot of the presenter. This type of recording will give the viewer the complete experience as if having been present at a live event.

The SMP-351 can record meetings directly to a USB flash drive or to a SD card (with an adapter) eliminating long trans-

fer times from internal hard drives. With a data capture rate of approximately 2.5 Gb for an hour of HD recording, users can plan accordingly when selecting their media.

Collaboration Services has integrated these new recorders into our control system template, making it easy to configure and record the content you need. If you need HD video recording in your conference room, contact your CSO/NICS representative.

### Feature Focus: Voice Conference

In this issue of Collaboration Quarterly, we take a look at the Voice Conference control page. Dialing a voice conference number is primary function of the **Voice Call: Keypad** and can be accomplished in one of two ways.: 1) Input the entire number via the keypad and then press **Call**. The system will automatically dial the number. 2) Press the call button to obtain dial tone and then enter the number

from the keypad. If you are calling into a voice conferencing bridge, you may enter the entire number and the passcode (using the pause button between) to dial into your meeting. There is a “backspace” button in case you make a mistake while entering the number. The **Flash** button functions like the flash key on your desk phone. From this page you can also disable the audible ringer on

the system, so as not to be disturbed during an important local meeting. Also included are audio controls to adjust the volume level of incoming audio and to mute inbound and outbound audio.



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KSC-K6-1096-6308

*“Originally proposed to be utilized by the Test and Operation Support Contract (TOSC), this facility is now open to a wider range of users requiring a medium sized collaboration environment.”*

## Project Report: KSC-K6-1096-6308

Collaboration Services has provided an updated version of the multimedia conferencing facility located at Kennedy Space Center, Building K6-1096, Room 6308. Originally proposed to be utilized by the Test and Operation Support Contract (TOSC), this facility is now open to a wider range of users requiring a medium sized collaboration environment. Completed at the end of June 2015, 6308 offers many of the capabilities frequently desired by the NASA team and other supporting contractors.

6308 is equipped with a single 90” wall mounted LCD display. Three dual sided, table mounted pop-ups were installed

and allows participants to display content one at a time. Additionally, a permanent room PC is available as an additional source option. A Blu-ray player and HDTV Tuner are two other sources available for viewing on the display. 12 table mics and four ceiling speakers have been installed to accommodate voice conferencing. Audio content can also be recorded on several forms of media if required for future reference. Microphone status and LED recording signs were also installed above the display enabling quick user reference of those systems. The room is



controlled via a 20” touch panel mounted conveniently on the table. Finally, all audio-visual equipment is housed in an easily accessible, 2.5 bay wooden credenza.

### Best Practices:

#### Interfaces

Interfaces allow connection of portable devices (audio and video) to the room system. Choosing the correct number, type and location of these interfaces are an important aspect of conference room design. Today, we are in the midst of transition from analog to digital video and audio. Therefore, it is important to configure interfaces to accommodate not only current technology but also to plan for future devices and interface types. Selecting the proper number interfaces for the size and configuration of the room is a design concern. The number of devices needs to offer the most flexibility without introducing unnecessary complexity. Interfaces can be mounted into a table, (pop-up) under a table or mounted in a wall. Selecting the proper location for interfaces can have a significant impact on the effectiveness when using mobile devices in the conference room environment. Contact your NICS CSR for help in planning your conference room interfaces.



CS Engineer: Collin Barrow

## Collaboration Service Spotlight: Integration Engineer: Collin Barrow

Having joined the Collaboration Services team in March of 2005, Software Engineer, Collin Barrow, has logged a lot of frequent flyer miles in the last ten years. As a software engineer, Collin is usually at customer sites during conference room implementations, providing real-time engineering solutions while overseeing the installation team. Many customers will recognize Mr. Barrow from the training classes he conducts at the conclusion of the room installation. When not on the road supporting NASA’s conferencing room needs, Collin

is in the lab working on integrating the newest A/V technologies into Collaboration Services systems. He enjoys the challenge of integrating complex coding and configurations with state-of-the-art hardware to create exceptional conference rooms.

When not hard at work, Collin volunteers as a board member of his daughter’s softball league and enjoys hiking the great outdoors or kayaking down the river. Look out for Collin at your center, he’ll be there soon!

**Completed Projects Gallery  
Second Quarter 2015**



LaRC-1232A-202



LaRC-1232A-236



LaRC-1232A-207



KSC-K6-1096-6308



MSFC-4493-101

**News & Notes**

- Since the end of March 2015, Collaboration is managing an average of 61 CRQs
- The CenturyLink Instant Meeting (IM) Service minutes and User data began posting to PMIS the first week in May
- The DMV minutes and User data began posting to PMIS the first week in June
- Collaboration Services is working the 2021 CSO Road Map, with an anticipated review & approval by 30 July 2015
- Collaboration Services coordinated with AMX to provide a training session at GSFC 30 June -01 July. Ten NICS Technicians agency-wide attended and participated in a Design & Installation course, and will share the education and information and peers in the field.
- Per ITIL guidelines, Collaboration Services is moving forward with a “standard services” offering which will include single and dual screen VRAs (non-enhanced), as well as Apple TV and Barco Clickshare. The timeline is fluid, but we anticipate CSB approval in early July with a go live date of 01 October 2015.
- In the first week in June, Steve Alford became the 4<sup>th</sup> Team Member to achieve the highly regarded standard of A/V Certified Technology Specialist

CSO/NICS

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**On The Horizon:**

**Upcoming Major Projects**

**3rd Quarter 2015**

- JSC-17-1064 and 1066
- GRC-Core Room
- JSC-POCC upgrade
- LaRC-1298-121
- KSC-O&C-2523

**And Beyond**

- ARC-SOC
- JSC-17-2026
- HQ-6E40
- LaRC-ATOL
- GRC-3-215 and 225