

Collaboration Quarterly

A PUBLICATION OF CSO/NICS COLLABORATION SERVICES, A SERVICE PROVIDER TO THE NASA COMMUNICATION SERVICE OFFICE

HARDWARE HIGHLIGHTS: EPSON PRO L1100U

Projectors have long been the workhorse of the typical conference room. While many conference rooms these days sport an array of flat panel displays, there are still cases where a projector is the preferred viewing solution. The problems with projectors are well known, mainly that projectors can be noisy and that bulbs have to be replaced on a regular basis. That is, until now.

The Epson Pro L 1100U is a 3LCD projector with a laser light source delivering 6000 lumens of color brightness and accommodates a wide variety of lens styles. What does all this mean? The most noticeable change is the laser light engine means no bulb changing ever. The light engine is rated for 20,000 hours of maintenance free operation. That comes out to almost 10 years of eight hours of use, five days a week! The laser light engine also generates much less heat than a conventional bulb

based LCD projector which means lower fan noise and quieter operation. The Pro L 1100U is an off-set projector with vertical as well as horizontal lens shift, which means it can be mounted closer to the ceiling to further mitigate the noise of fans that can interfere with effective communication. The 6000 lumen output of the Epson allows comfortable viewing with conference room lights on, which makes it great for video conferencing and other collaborative work environments. The Pro L 1100U is versatile in mounting locations as well, with 9 different lens options and 360° orientation capability.

The Epson Pro L 1100U includes a number of other useful features as well. It can be configured to project in 16:10 as well as the more familiar 16:9 ratio. While its native resolution is 1920 X 1200, the Pro L 1100U can accept a 4K source and with its 4K enhancement technology, delivers



highly detailed picture quality. It has a wide variety of video connection options, including a built-in HDBaseT port. RS-232 control capable, the Epson Pro L 1100U is perfect for integrating into rooms with control systems.

Collaboration Services (CS) has been deploying the Epson Pro line of laser projectors for nearly a year, and customers are very pleased with the video quality, quiet operation and freedom to never have to worry about changing bulbs. If you have a conference room which is too large for even the biggest of flat panel displays, then contact your NICS Customer Representative today for more information about Collaboration Service offerings featuring the Epson Pro L 1100U.

News and Notes

- CS averaged a workload of over 200 service requests and work orders for the past quarter.
- The Collaboration Service Offerings Catalog was approved the past quarter and is being utilized across the Agency as a tool to better evaluate and gather Customer requirements utilizing standard CNTA baselines.
- The CSO IPT for limited service direction was approved at CSB. This outlines the service levels as they pertain to rooms under maintenance, rooms that are not

and rooms that transition across the Agency from local contractors.

- The Desktop Mobile VITS(DMV) service mitigated a security waiver restriction by upgrading to an acceptable version as provided by Vidyo.
- CSO will support the CSO Customer Forum scheduled for August 2017. CS will provide numerous presentations and lead discussions on current and future technologies as well as how to better maintain internal communications between the Centers and CSO.

IN THIS ISSUE

Hardware Highlights: Epson Pro L 1100U	1
News and Notes	1
Project Report: WSTF Rotunda	2
CS Spotlight: Jeff Hale	2
Gallery	3

PROJECT REPORT: WSTF ROTUNDA



‘Two existing projectors were replaced with new bulb-less, laser projectors.’

The Rotunda, a multi-purpose conferencing facility/auditorium at the White Sands Testy Facility, was recently upgraded from analog to digital HD. The Rotunda utilizes an AV switcher and codec supporting a variety of digital connections and resolutions. The switch to digital cut down on the number of the cable runs needed, thus improving efficiency. The wireless audio was changed to a new system that uses different frequencies to minimize interference. The Blu-ray, audio/video recorders and TV tuners were refreshed, and an additional LED sign was added to align the room with current Collaboration standards. The table and podium interfaces

now have digital interfaces for users to connect laptops and other digital devices into the system.

Two existing projectors were replaced with new bulb-less, laser projectors. Using laser projectors provides thousands of hours of maintenance-free operation. Using a laser projector also reduces downtime, as previously, scheduling a lift was required for changing the projector bulbs.

Collaboration Services installed additional hardware and cabling to enable the customer to transmit video and audio from the Rotunda to an IP streaming device that will distribute video to



one of the local Desktop TV channels. This simplifies the process of distributing video to individuals who may not be able to attend meetings when the Rotunda is at full capacity. The Rotunda also received a new control system touch panel with customized user interface. The WSTF Rotunda was returned to service on February 27 of this year.

Collaboration Service Spotlight: Jeff Hale



CS Engineer:
Jeff Hale

One of the longest serving members of the team, Collaboration Services Engineer, Jeff Hale, began his career as a technician, installing and maintaining A/V equipment as part of the MSFC Gateway in 1999. After four years as a technician, Jeff joined engineering in 2003. Mr. Hale served as field engineer for several early Collaboration Services’ projects including the Astronauts Training Conference room at JSC. Jeff’s first major design pro-

ject was the Mission Management Team (MMT) Conference Room at JSC. Built as a “more collaborative” room than traditional conference room, the MMT included many new features still in CS conference rooms today. Since the completion of the MMT, Mr. Hale has been involved in numerous projects throughout the Agency, and is frequently seen at JSC and NASA Headquarters.

“The most enjoyable part of my job is helping customers

realize the potential of their conferencing spaces,” says Jeff.

In addition to his engineering design duties, Mr. Hale serves as lead audio designer and editor of *Collaboration Quarterly*. When not designing conference rooms, Jeff enjoys designing and playing strategy board games and participating in historical reenactments.

