Case Study | Curium

HOW TWO OFFICES THAT ARE 4,380 MILES APART STAY CONNECTED

CHALLENGE

Curium, a radiopharmaceutical company in Missouri, announced in 2016 that it would sell its nuclear imaging business to IBA Molecular based in Paris, France.

While the deal presented new opportunities to both businesses, it also brought with it technical challenges.

Curium Site IT Manager Charles Boyd knew that the company's multipurpose room wasn't going to work as needed after the expansion. Officials at the company knew that the room wasn't going to have the connectivity needed for audio and video conferencing. Since Curium has offices around the U.S. and Europe, connectivity is of the utmost importance.

The technology that was in the multipurpose room included an 80-inch display, with a content sharing system, a phone, and a camera that was positioned in the center of the room for video conferencing. While these solutions could work in other situations, these systems didn't work with the dimensions of the room, limiting what could be done in the space.

Boyd said he knew that the multipurpose space was in need of new technology. This included having a designated room to connect with the other offices -- one that would function without issues. Keeping this in mind, Boyd reached out to AVI Systems for guidance.

He needed to create a fully functional multipurpose room that would accommodate audiovisual (AV) conferencing needs, including the capability to record training sessions.

AVI Systems worked with Boyd to discuss Curium's needs. Part of their conversation was breaking down a budget.

The multipurpose room needed a complete overhaul, but it couldn't go over a firm budget. After speaking with Boyd, AVI Systems went to work to provide global collaboration solutions to

this expanding company, while staying mindful of their budget.

SOLUTION

When designing the room, Adrian Boyd, design engineer with AVI Systems, proposed several different display solutions that would provide adequate viewing coverage for every seating combination.

It was decided that a 90-inch display located in the center of the room flanked by two 70-inch displays on the left and right would be needed in order to provide sufficient viewing in the multipurpose space.

The visual systems needed for the space were among the most pressing, since before the technology didn't fit the dimensions of the space. After the visuals were set and displays mounted, it was onto the audio portion of the design.

"AVI had the tall task of being able to provide ceiling microphones that would provide adequate coverage throughout the room and also not exceed a budget that was set in place,"

said Charles Boyd, with Curium. "Adrian was up for the task and had the perfect solution that would not only provide the appropriate amount of coverage needed for the room size, but would also provide an appealing cosmetic appearance as well."

This installation comprised two ceiling microphones that would fit in a 2-by-2 space. The ceiling was set up in a grid, with four zones. Each zone had three speakers, which ensured enough coverage for the space. These microphones were connected to an audio digital signal processor to provide enough power for presentations, and more.

"This configuration was necessary in order for clear sound to be distributed evenly throughout the space for any type of training videos or conferences that would take place within the room," Boyd said. With the 12 speakers, two cameras were also installed for video conferencing and training purposes.

The AV systems in this room are controlled by two 9-inch, detachable panels. The panels give users the ability to control lighting, volume, audio and more. This design makes it easy for those using the room to adjust the audio and visual systems as needed.

"One of the other system designs that was critical was the location of the rack, and the equipment necessary for this room system to work," Boyd said. An equipment rack was

installed in the podium, housing the system for the room and all of its functionality.

"In the end, AVI Systems has transformed Curium's multipurpose room's functionality and ability to better present and communicate for years to come, thanks to a fantastic working relationship to develop and support the appropriate solution needed in order to make collaboration easier for employees and end users," Boyd said.

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Charles Boyd,
Site IT Manager

PRO Development

PRO Design

AVI

PROVEN PROCESS

PRO Support

PRO Integration