Atlona Case
Study
Medical

UCSF Department Of Neurological Surgery and Spinal Injury Center

Integrating Multiple AV Formats and Sources for Better Collabora

Collaboration
is crucial for
UCSF
Department
of Neurology
teams

Overview

In the UCSF Department of Neurological Surgery collaboration is not only essential, but a matter o
When tasked with outfitting a conference room that was friendly to all manner of audio and video p
UCSF turned to Atlona for a solution.

Challenge

The Department of Neurological Surgery at UCSF employs some of the leading physicians and scie
to treat patients with neurosurgical disorders. Team members in the Brain and Spinal Injury Center
searching for new cures and therapy methods.
The Center chose Zayed Mhimla from "Mr. Home Theater" to install an AV system for their confer
over ten years of experience in the AV industry, Zayed was more than qualified to take on this chal

flat panels to complex AV systems, Mr. Home Theater produces expert installs on a daily basis. Za
was to integrate multiple AV sources with different formats and locations into multiple displays. So
multiple personal computers located in different parts of the office, but the Center also wanted to pl
source devices in the future. The goal was video conferencing and multimedia presentations so thes
practitioners could work in a truly collaborative environment.

Different
sources were
routed to a
central
conference
area

Solution

Zayed chose Atlona for this project because they have a wide range of video distribution and conv
coupled with a reputation for reliability. Zayed used the Atlona 4 x 4 HDMI matrix switcher as the
this installation, and once installed and operational, Zayed used Atlona's AT-HD500 VGA to HDM
convert the VGA video output of the source devices. The converter allowed for the conversion of l
format to the now standard HDMI interface. With the central portion of the system secured and the
conversion taken care of, there was only the problem of remote sources to overcome. Zayed chose
HD4-V40SRS extender set to bridge the 50- and 80-foot gaps between two of the sources and the
With reliably converted video routed through the Atlona matrix switch, the UCSF team could now
between their various sources, creating the environment where they can collaborate in their critical

Atlona Products Installed

AT-HD-V44M   4 x 4 HDMI Matrix Switcher

AT-HD500   VGA to HDMI Converter

<u>AT-HD4-V40SRS</u> HDMI Extender