

NOC Control Room Application

In mid-February of 2001, we project managed a control room installation in Houston, TX and I'd like to share a few photos of it with you. Our Solution was a curved, 1x10, 96" diagonal (SXGA Format) wall that we custom-built for this petroleum company's process control application. This will give you an idea about the caliber of solutions that we can provide you for your clients.

The installation took five days (including one day for load-in), went like clockwork and the customer is as happy as can be. Before receiving the order, we staged a demo at our facility and tested a number of screens with the specified projector, ensuring the client received the best possible projector/screen combination. I have about 35 photos documenting the installations' various stages, but these are the highlights:



JUST FIT: This first photo is of one of the 1300 lb. crates "just fitting" through the front door with .25" (overall) clearance. In order to simplify the installation, we shipped the Wall in upper and lower subassemblies. Crating these subassemblies so that they "just fit" through the narrow double doorway required good on-site coordination and precision crate design ("small" details make a "big" difference!).



DAY 2 START: Here's how the control room looked at the start of Day 2. All of the crates had been loaded in and positioned to allow for the most efficient unpacking.



DAY 2 END: Essentially the end of the 2nd day. At the start of each day, I'd have a meeting with the labor teams to let them know what we wanted to accomplish that day. Then throughout the day, I'd go from team-to-team, checking their work, helping them and answering questions. I must say that they were all pretty interested and very motivated in putting the system together. Everyone involved (myself included) could hardly wait to see the finished product.



DAY 3 END: This is what we looked like at the end of the 3rd day of install. We had leveled all the enclosures in a radius, installed the Formica separation panels and loaded all the projectors and CPUs (each module had one, tied to the LAN). Before leaving, we lit and dialed-in the last module and installed the custom acoustic panels below. The number "8" was one in a sequence (0-9) that ran continuously as a 24 hr test pattern. Note how just how "black" each of these static, 96" diagonal (60"x75" SXGA Format) VistaPower 3.0™ screens look!



DAY 4 WINDUP: Very near the end of the 4th day of installation, we've lit all the units and rough-aligned, but not color-matched them. The projectors are Sony VPL-FE110U's with VPLL-2009 (.9:1) Lensing. The FE's output (with the 2009 lens) is about 2500 ANSI and the projectors are at about 50% in these photos. Again, these units feature our VistaPower 3.0™ (VP3) Screen and our RazorEdge™ Framing, which allows for minimal image separation when units are installed next to each other.



INTEGRATOR BLISS: This photo on the left is of our happy integrator client and shows seven of the modules with the custom acoustic panels in place. Even before color matching or final tweaking, the images look quite impressive. The photo on the right is of the final installation, featuring signal-processed images and operator consoles.

FINAL NOTE:

One particularly unique feature about this install is that although the client has no need to spread a single image over multiple screens right now, they can and will in the future. By removing each of the eleven, 7" wide, Formica-clad separation panels, they have room for one more, 75" wide screen, transforming what you see into a virtually seamless, 1x1 larray.

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