Photos: The Palm Springs International Airport is served by 11 airlines that connect to over 500 cities worldwide

Client: Corey Airport Services

Synopsis: Palm Springs International Airport seeks to add digital signage to their baggage claim area, wth strict requirements for both architectural design and installation hours

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Digital Signage has Lift Off at the Palm Springs International Airport

Premier Mounts designs aesthetically appealing, easy-to-install video walls and enclosures to integrate into the Palm Springs International Airport baggage claim area

In 2014, Corey Airport Services began a project to add digital signage to the Palm Springs International Airport baggage claim area. Specific guidelines were set by the California city of Palm Springs, with strict requirements on all architectural designs. With the green light to seek out options for a digital signage project that would both promote and entertain international travellers, Corey scoured the Digital Signage Expo in Las Vegas to find the perfect creative solution.

A Birds Eye View of the Perfect Solution

Brigham Newman, Vice President of Operations for Corey Airport Services, had been looking at custom mounting options, but hoped that their application wouldn't require

Case Study

a high-cost, fully custom design. When he stopped by Premier Mounts' Digital Signage Expo booth in March 2015, he was able to meet with Shaun O'Brien, the Solutions Group Manager at Premier Mounts. O'Brien listened to the project requirements and made several suggestions for stock and partial-custom mounting solutions, offering project management and installation support options. It was the ability to really understand Corey Airport Services' needs, and to offer the support of a Partnership, that drew Newman to Premier Mounts' Solutions Group.

Integration Efficiencies for an After-Hours Install

During a site walk at the Palm Springs Airport, strict design guidelines were uncovered as well as the critical need to install in the middle of the night, when outside support might be unavailable. For this reason, ease of install was critical for project success.

Premier Mounts understood this install timeframe early on, and set it as a priority in the design drawings for Good, Better, and Best mounting solution options. Since the Solutions Group draws on more than 38 years of advanced insight and expertise, as well as access to hundreds of CAD design drawings, they were able to ensure that the end-user had the best possible design solution options.

After the on-site consultation, 24-hour turnaround time on design drawings were accomplished for (3) 6x2 linear video walls, using Premier Mounts' LMVS Press & Release™ Pop Out Ultra-Slim Mounts, and (4) back-to-back custom digital signage enclosures.

"The simplicity of the LMVS design, with its custom spacers and post-installation leveling, allowed me to complete the install quickly, even though I had no previous experience with the product."

Angel Ramos,
Owner,
Halo A/V

Photos: Four back-to-back custom enclosures were designed, each featuring a sleek stainless steel exterior for an aesthetically appealing appearance

Aesthetic Approvals & Fast Fabrication

Corey Airport Services submitted the design drawings for the Palm Springs architectural review process, where each design was carefully critiqued. The only request that the review board made was to relocate the cooling fans from the back of the enclosures to the side, after which the final drawings were approved for the installation to proceed. Premier Mounts' engineers were then able to take the final design to their in-house manufacturing facility to build each of the 4 enclosures to ship with the 36 LMVS stock mounting solutions.

The back-to-back custom enclosures were designed to work with NEC P463 displays, using intake and exhaust fans on the inside face of the enclosures to dissipate display heat and maintain an optimal enclosure temperature. The enclosures featured a sleek stainless steel exterior for an aesthetically appealing appearance. Each NEC display used Broadsign software to showcase advertising in the baggage claim carousels of the airport, entertaining customers as they wait for their luggage to arrive.

The stock solution LMVS Press & Release™ Pop Out Ultra-Slim Mount showcases ADA compliance for public spaces, making it the perfect solution for the 6x2 video walls. It also features Premier Mounts' engineered Press & Release™ access design, allowing service access in under 5 seconds with a gentle press to the edge of the display. The LMVS' top-adjustable fine-tune mounting brackets also offer easy post-installation panel alignment. Each video wall used 46" NEC X464UN displays and Broadsign digital software, showing advertisements on a single content stream across all 12 displays.

All mounting solutions were delivered in time for the project to remain on schedule, and Angel Ramos, the owner of Halo A/V, performed the installation after airport business hours without running into any complications.

"The LMVS was the ideal mounting solution for these video walls," said Ramos, " the simplicity of the design, custom spacers, and post-installation leveling allowed me to complete the installation quickly, even though I had no previous experience with the product."

A Smooth Landing for the Digital Signage Solution

The project was such a success that Corey Airport Services contacted Premier Mounts to replicate it in their Dallas Love Field Airport in Texas, where they successfully installed (4) back-to-back enclosures using Samsung DM82D 82" displays for the baggage claim area of the arrivals gate.

"We've been thrilled with our Premier Mounts Partnership," said Brigham Newman, "They offered us a fantastic product right up front, and really understood our needs with the design aesthetics and installation timeframe. Simplicity of installation is so important with projects like this, where we needed to work in the middle of the night. You can't always call installation support after business hours, which other manufacturers might not consider, but it was so important to the efficiency of the project. Premier really understood that requirement, and made sure that we were able to complete the project with ease." ■