

SOUTHERN CALIFORNIA TRANSPORTATION CENTER ENTERTAINS AND INFORMS TRAVELERS WITH BRILLIANT VIDEO WALLS



The City of Torrance's new Regional Transit Center informs and entertains travelers with its eye-catching outdoor LED video wall powered by RGB Spectrum's *Galileo* processor.

The new Mary K. Giordano Regional Transit Center in Torrance, California, is a new state-of-the-art facility that serves as a multi-modal transportation hub for the South Bay region of Los Angeles County. It is a connection hub for major Torrance Transit routes and other regional transit agencies. Torrance Transit has been an integral part of the community, serving the needs of South Bay residents for over 82 years. It was time to expand operations and revamp facilities with innovative design and functional space to help travelers get from one point to the other.

The construction of the new Transit Terminal will reduce single occupancy vehicle trips due to its close proximity to the I-405 and I-110 and its park and ride facilities. In addition, the Transit Terminal will improve regional mobility linking Torrance Transit routes with other regional providers in the Transit Terminal. The facility occupies a five-acre parcel in City of Torrance, California.

The Transit Terminal build-out focused on several technology advancements to better serve the community. The new facility is Energy and Environmental Design (LEED) certified areas for small retail use, Transit store for monthly pass sales, infrastructure for ticket vending machines, infrastructure for real-time passenger information technology, layover areas and other amenities.

To educate and entertain visitors, The Transit Center installed a large outdoor video wall (about 15 feet high by 30 feet wide) using Daktronics' 5.9-millimeter LED displays. The video wall keeps the public informed on transit schedules and news, it also highlights local artwork to bring some creativity to the space and shares important community messaging. Transportation schedules are displayed in real-time along with local news feeds and other relevant content. The video wall displays mass transit and public transport information to guide travelers as they embark on their journeys.

The LED outdoor video wall is powered by RGB Spectrum's *Galileo* video processor. The *Galileo* processor offers the highest level of video processing performance, delivering an exceptional video wall viewing experience with real-time throughput and excellent 4K image quality.



Lee Haffely, Senior Account Manager for Spinitar, explained, "RGB Spectrum's *Galileo* processor was a key factor in our winning this project. Its versatile support for HDMI inputs with the ability to decode and display H.264 streaming content makes it a winner."

Powering the Daktronics wall, the *Galileo* processor receives baseband and IP-based inputs from a digital signage player, video cameras, BluRay players, local television broadcasts, and other sources. The processor consolidates these diverse sources, scales them to 4K resolution and displays them in windows of any size, anywhere on the video wall. Operators can easily switch and inputs or choose customizable preset display layouts.

The City of Torrance enlisted the services of Spinitar, a leading audio-visual systems integrator headquartered in Southern California to install the new digital signage system. Spinitar selected RGB Spectrum's *Galileo* video processor for its support of a diverse variety of digital and IP-based signal sources, display layout flexibility, and exceptional 4K image quality.

Lee Haffley, Senior Account Manager for Spinitar, commented, "*Galileo* offers many customer benefits. It has the flexibility to arrange and display multiple sources as desired, providing a variety of rich visual content. Spinitar worked closely with Transit Center staff to design pre-set display layouts containing any variety of inputs. In addition to the digital signage capability, the City will also be able to host 'Movie Nights' and other events using the video wall."

The *Galileo* processor supports an extensive range of baseband and IP-based inputs, including analog, AV-over-IP streams, DisplayPort, HDMI, DVI, and 3G/HD-SDI and VGA. It offers 4K60 input and output with a full range of resolutions and orientations. Haffley concluded, "The *Galileo* processor performs exceptionally well. The image output is rock-solid. Full-motion video displays perfectly with excellent color reproduction true to the original content. And it delivers proven 24/7 reliability."

THE RESULTS



Consolidates Diverse Sources, Scales to 4K Resolution and Displays in Windows of Any Size, Anywhere on the Video Wall



Processor Supports an Extensive Range of Baseband Video and IP-based Inputs, Including Analog, AV-over-IP streams, DVI/HDMI, and 3G/HD-SDI



Delivers Proven 24/7 Reliability