



ABOUT ▾

FEATURES ▾

CASE STUDIES

INDUSTRIES ▾

EDUCATION ▾

NEWS ▾

EVENTS ▾

C

YOU ARE AT: Home » PRESS RELEASES » NanoLumens Performance Series Displays Provide the Ultimate Digital Canvas for Stunning Visuals at Singapore Changi Airport's New Terminal 4

NanoLumens Performance Series Displays Provide the Ultimate Digital Canvas for Stunning Visuals at Singapore Changi Airport's New Terminal 4

0

SEPTEMBER 7, 2017

DISPLAYS & PROJECTORS, PRESS RELEASES, TRANSPORTATION



Photo courtesy of Changi Airport Group

ATLANTA, GEORGIA, September 7, 2017 —

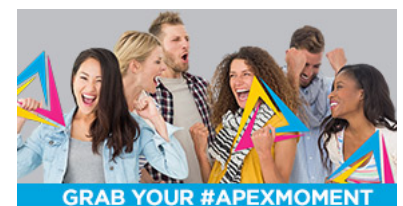
Singapore's Changi Airport regularly tops the list of the world's best airports, featuring a wide range of facilities to inform and delight passengers and soon, with the imminent launch of the new T4 terminal, robotic "housekeepers", a full suite of self-service options from check-in, immigration to boarding, plus two state-of-the-art NanoLumens®

Performance Series™ LED displays that will captivate passengers with high-definition digital content 24 hours a day. Selected as the best digital display solution from a large pool of competing manufacturers, the NanoLumens LED displays allow the beautiful, enthralling visuals created by Moment Factory to achieve their maximum impact for all airport passengers and visitors.

Located above T4's centralized security screening area, the "Immersive Wall" is an impressive 70 meters wide by 5 meters tall with a 6mm pixel pitch and has been dubbed one of the largest indoor airport displays in the world. Additionally, NanoLumens was chosen for a 10-meter-wide by 6-meter-tall, 4mm pixel pitch display in the departure transit area's Heritage Zone, which is built directly into a shophouse facade with several faux building fronts that highlight the island nation's architectural evolution from the 1880's to the 1950's.

Chosen because of their ability to meet strict RFP specifications, NanoLumens created a custom solution specifically for Changi based on a redesign of their proprietary Nixel Series™ technology that was able to accommodate the demanding Moment Factory content. The solution required several mechanical enhancements in order to overcome EMI, EMC and other strict RFP specifications. The new rigid Nixel™ technology is truly optimized for being flat with a larger diode for the highest brightness and is rear serviceable. Being able to access the displays from a high vantage point through rear service will keep traveler visibility of the displays at an absolute maximum.

Both displays run throughout the day, with the Immersive Wall displaying flowing, geometric waves of 3D animations, picturesque life-like scenes from throughout Singapore, and a funny, playful animation of the imaginary journey luggage takes after check-in. The Heritage Zone



PRESS RELEASES

DECEMBER 20, 2019

Colorado State University-Pueblo to Improve Audio Experience with Daktronics Products

DECEMBER 20, 2019

CAYIN® Unveils CMS Station for Managing Digital Signage Network via QNAP NAS Platform

DECEMBER 20, 2019

Matrox QuadHead2Go-Powered Video Wall Takes Corporate Holiday Partygoers Back to the Future

display, on the other hand, is integrated convincingly into the zone's facade, comprising the second floor of two of the buildings and showing *Peranakan Love Story*, a dramatic original film set in 1930s Singapore. The video seems to blend right into the buildings, giving passersby a seamless view into the country's cultural history. All of the digital content was produced by Moment Factory. According to NanoLumens Vice President of Sales Almir DeCarvalho, the gorgeous final product is the result of successful collaboration and a highly detailed bidding and engineering process.

"This project was one of the most rigorous, competitive bidding processes we've ever been part of, and the resulting installation shows exactly why NanoLumens was the winner," DeCarvalho said, beaming with pride. "After a series of grueling demonstrations, investors, executives and government representatives all scored the displays on visual appeal and underlying technology, and unanimously voted NanoLumens the best of the best. We met or beat every spec they required, including weight, power draw, brightness, viewing angles, electromagnetic compatibility and electronic magnetic interference limits."

Electronics & Engineering PTE LTD, (E&E) one of the leading electronic integrators in the Asia Pacific region, completed the installation of the NanoLumens displays, along with much of the other innovative technologies in T4. CEO Mr. Ronald Goh, was recently listed as one of the top 50 influencers in Singapore as part of the SG50. One of the most striking results of this installation was that NanoLumens and E&E delivered every part of the product and installation on schedule, which is rare for a project of this magnitude and complexity. The on-time completion reflects both companies' strict dedication to the project and corporate culture that prioritizes every client's satisfaction.

"With roughly a year of just the bidding process, not to mention the actual installation, this was a highly complex project with many, many moving parts," said Martin Leclerc, Director of International Sales. "Working with E&E was a great partnership that produced fantastic on-time results, which industry insiders know isn't always the case with contractors, particularly on large jobs, even this specific one. When one considers the consistent, rigorous testing we performed to ensure our specs were accurate and lived up to Moment Factory's requirements, it's obvious everyone involved was focused on every detail, every step of the way."

Terminal 4 was open to the public for an open house from August 7 – 22, 2017 with the terminal expected to be operational later this year.

About Changi Airport Group

Changi Airport Group (Singapore) Pte Ltd (CAG) (www.changiairportgroup.com) was formed on 16 June 2009 and the corporatisation of Singapore Changi Airport (IATA: SIN, ICAO: WSSS) followed on 1 July 2009. As the company managing Changi Airport, CAG undertakes key functions focusing on airport operations and management, air hub development, commercial activities and airport emergency services. CAG also manages Seletar Airport (IATA: XSP, ICAO: WSSL) and through its subsidiary Changi Airports International, invests in and manages foreign airports.

Changi Airport is the world's sixth busiest airport for international traffic. It served a record 58.7 million passengers from around the globe in 2016. Including the soon-to-be-opened Terminal 4, Changi Airport will have 400 retail and service stores, as well as 140 F&B outlets. With over 100 airlines providing connectivity to 380 cities worldwide, Changi Airport handles about 7,000 flights every week, or about one every 90 seconds.

About Moment Factory:

[READ MORE](#)

[Ask the Board](#)

[Guest Posts](#)

[Installation of the Week](#)

[Case Studies](#)

[Content](#)

[Corporate Environments](#)

[DOOH Networks](#)

[Educational Environments](#)

[Entertainment, & Recreation](#)

[Public Spaces](#)

[Restaurants, Bars & Foodservice](#)

[Retail Environments](#)

[ProAV / IT Systems Integration](#)

[Transportation](#)

[Venues](#)

[Podcasts](#)

[Webinars](#)

[DSE News](#)

Moment Factory is a Montreal-based multimedia art and entertainment studio specializing in the conception and production of immersive environments that combine video, lighting, architecture, animation, sound and special effects. Since 2001, they have earned a reputation for crafting innovative and memorable experiences in public spaces. From spellbinding shows to permanent multimedia installations that establish must-see destinations, they pioneer new forms of entertainment. For more information, visit

<https://momentfactory.com/work/all/all/changi-airports-theatre-of-experience>

About Electronics & Engineering Pte Ltd

Electronics & Engineering Pte Ltd, established in 1951, is one of the region's leading Specialist Contractor, Consultant and Systems Integrator alongside being a distributor and supplier of a vast array of reputable audio-visual equipment. Electronics and Engineering Pte Ltd has been responsible for many prestigious installations, including cinemas, hotels, ballrooms, stadiums, auditoriums, houses of worships and places of entertainment. Past projects include the National Theatre, Singapore Indoor Stadium, Esplanade, Theatres on the Bay, The Marina Bay Sands Integrated Resort & Convention Centre (MBS), Gardens by the Bay Supertrees & Conservatories and the 5,000-seater multipurpose STAR Performing Arts Centre in Singapore. E&E was also responsible for the supply, installation and full integration of the event sound system and the High Definition LED Giant Screens for the Singapore Sports Hub, a national icon. For more information, visit www.enepl.com.sg

About NanoLumens

Headquartered in Atlanta, Georgia, NanoLumens partners with clients to create uniquely compelling, interactive LED visualization solutions that take the guess work out of owning a display network. As the fastest growing visualization company in the US, our experiential LED displays exceed the imaginations of global clients in retail, transportation, corporate, gaming, higher education, sports and arenas, and houses of worship. Through world-class proprietary technology, NanoLumens displays are ultra-thin and lightweight, energy efficient and available in any size, shape or curvature. NanoLumens solutions are proudly designed and assembled in the United States of America and come backed by an industry-leading six-year warranty. For more information, visit www.nanolumens.com.

###

DECEMBER 20, 2019



DECEMBER 20, 2019



DECEMBER 20, 2019



Colorado State University-Pueblo to Improve Audiovisual Experience with Daktronics Products

CAYIN® Unveils CMS Station for Managing Digital Signage Network via QNAP NAS Platform

Matrox QuadHead2Go-Powered Video Wall Takes Corporate Holiday Partygoers Back to the Future

LEAVE A REPLY

Your Comment

Your Name