



**Set over 32,000 sqm,
Doha Quest is Qatar's
First Indoor Theme Park
with over thirty rides
and attraction.**

The Project

Located in Doha Oasis, Msheireb, Quest is Qatar's first-ever indoor theme park. Set across 32,000 sqm, the park is comprised of over thirty rides and attractions, featuring a mix of adrenaline-heavy thrill rides, media-controlled simulators, virtual reality experiences and miniature thrill rides; all offering an experience unlike any other in Doha. International integrators Holovis were tasked with designing and developing the parkwide audio-visual solutions and approached White Light, a d&b solutions company to supply, manage and deliver the lighting control system.



The Delivery

The system White Light, a d&b solutions company provided not only had to facilitate the specificities of each section but also had to ensure they all communicated with one another; given many of the rides interconnect to offer attendees a truly immersive experience. White Light, a d&b solutions company used the expertise of its System Design team to take the existing lighting equipment and create a system that could do just that.

To achieve this, we drew on the Pharos Designer LPCs driven by ETC's Mosaic Designer; with this providing the flexibility to control such a complex and intricate system. For each individual section, the team installed a total of 18 LPC mini-hubs, each with their own specific control rack. In total, there were 18 racks, scattered across ten different sections; with each section then divided into sub-sections for complete control. In addition, White Light, a d&b solutions company specified and supplied 18x LSC 96-channel Unity Racks & 1x LSC 48-way Unity Rack with a mix of Unity Switching modules and Unity LED Dimming modules; each cabinet supplied and controlled from the Unity Control Module. We also specified and installed 192x ETC One-Port Gateway's across the Park, 22x ETC Four-Port Gateways, and 44x ETC 0-10v Gateways in custom enclosures.



Drawing on the team's creativity and previous experience of working in themed attractions, White Light, a d&b solutions company was also given the task of focusing the lighting; with the equipment needing to accentuate the rides and scenic elements. This also included the queue lines, general walkways and passageways of the park; with White Light, a d&b solutions company keen to ensure these became an intricate part of the user's overall experience. To achieve this, White Light, a d&b solutions company employed a freelance crew who worked over ten nights under the direction of Simon Needle; with the team unable to operate during the day due the theme park's opening hours. Alongside focusing the previously-purchased equipment, White Light, a d&b solutions company brought in a range of custom-made gobos for each section, to elevate the distinctive experience of each ride and characters across the many lands and retail and F&B locations across the park.

The White Light Project Manager on-site for the duration of the Project was Maciej Sobocinski who was outstanding and invaluable in ensuring seamless integration and coordination with all stakeholders and contractors. To complete their delivery of Quest's lighting control system, White Light, a d&b solutions company was then tasked with programming the entire lighting set-up; something that Jim Beagley was able to do remotely.





Delivery Team

Project Manager - Maciej Sobocinski

Project Director - Simon Needle

Programmer - Jim Beagley

Supervisors - Matthew S Abraham & Steve Watson

Freelancers - Focus Crew:
Shaun Kerr, Benjamin Bayley-
Cook & Abraham Shah

Project Summary

Venue: Doha Quest

Location: Doha, Qatar

Key Equipment: LSC 96-channel Unity Racks, LSC 48-way Unity Racks, ETC One-Port Gateways, ETC Four-Port Gateways, ETC 0-10v Gateways, Pharos Lighting Playback Controller 4,

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