



# WHITE LIGHT

LIGHTING • AUDIO • VIDEO

a d&b solutions company

## Science Fiction: Voyage to the Edge of Imagination Case Study



“

In this immersive, genre-defying experience, visitors are placed at the heart of an exciting science fiction adventure.

”

### The Project:

The Science Museum's major new exhibition Science Fiction: Voyage to the Edge of Imagination is the most ambitious of its kind ever to be produced by the Museum. In this immersive, genre-defying experience, visitors are placed at the heart of an exciting science fiction adventure.

As a long-standing, trusted approved supplier at the Museum and having previously provided a range of technical solutions across multiple departments, White Light (WL) was appointed to provide dual services.

Firstly, as the AV integrator for the exhibition installation, as well as delivering the lighting, audio and video for the VIP launch event.

[View Exhibition](#)[View VIP Launch Event](#)



# WHITE LIGHT

LIGHTING • AUDIO • VIDEO

a d&b solutions company

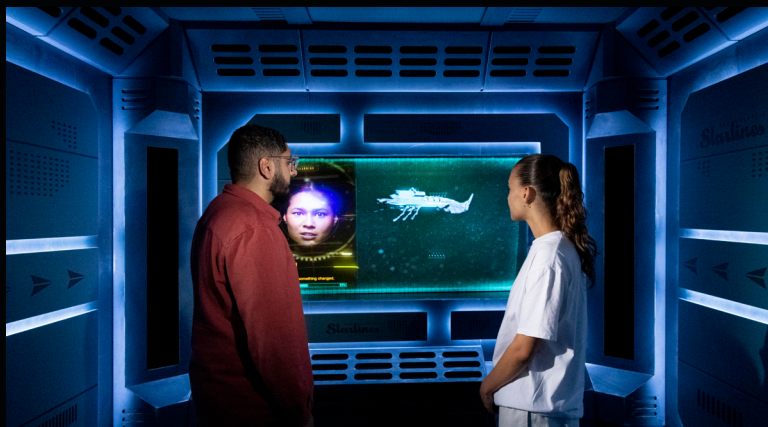
## Science Fiction: Voyage to the Edge of Imagination Case Study

### *Exhibition*

#### **The Brief**

The scope of work included provision of the detailed design, technical commissioning, installation, maintenance of all audio-visual elements and control systems for over 30 interactive exhibits. The installation and commissioning of an immersive audio system, taking guests on a soundscape journey throughout the entire exhibition, was also a key part of the brief.

In the first instance, WL was required to consult during the exhibition design stage, proposing which technological solutions would work best for both the brief objectives and budget. Drawing on its partnerships with industry-leading manufacturers, WL also supported the Museum with procurement once the final equipment specification had been confirmed.





# WHITE LIGHT

LIGHTING • AUDIO • VIDEO

a d&b solutions company

## Science Fiction: Voyage to the Edge of Imagination Case Study

### The Solution

As lead integrator, WL drew on its experience working within the tight constraints of completing major installations in leading public attractions. This requires careful coordination with both the Museum's in-house teams and the project's external design and delivery partners.

Having completed the design consultation phase a year prior to the project commencement, the current climate brought several challenges regarding the availability of certain technologies. WL adapted the solutions to address these, bringing new ideas to the table to ensure that the core objectives for the brief could still be achieved.

AV solutions for some of the flagship exhibits included:

- Shuttle – the first interactive experience in the exhibition, featuring an 85" screen, with audio and scene trigger buttons.
- Warp Drive – interactive screen, with wired buttons and warp slider, with synchronised audio and lighting interactions.
- Observation Deck – dual rear projection with image blending, at challenging angles.
- 30+ exhibits with screens and local audio.

“

While we're very accustomed to working on major new builds and exhibitions in the Museums + Heritage sector, the current climate led to several unprecedented challenges with supply chain and resourcing. Drawing on our expertise and company core values, we responded quickly and proactively - adapting our solutions and leveraging our partnerships with leading manufacturers. This meant that even within a significantly reduced schedule, we were able to deliver on a technically complex brief.

”

***Jason Larcombe - WL's Senior Project Manager***







**WHITE LIGHT**  
LIGHTING • AUDIO • VIDEO  
a d&b solutions company

## Science Fiction: Voyage to the Edge of Imagination Case Study

### *VIP Launch Event*

#### **The Brief**

To provide a technical production solution including lighting, audio and video elements to enhance the different spaces used and heighten the guest journey between the party and the exhibition.

#### **The Solution**

The main event took place in the Energy Hall. A key part of the night's entertainment featured a live performance from electronic pioneers Radiophonic Workshop – the band which remastered original Doctor Who material for a series of compilations. To facilitate this, WL designed an audio solution to satisfy the band's technical rider and maximise the Energy Hall's acoustic potential for this special performance.

A 6x3m reflective high gloss stage, with full printed backdrop, in keeping with the futuristic theme, was constructed at the bottom of the gallery's central ramp. The stage was flanked with two large screens, displaying image magnification (IMAG) for the speeches and synched video content during the band's performance.

The lighting solution for the party was designed to match the zoned colour scheme of the Science Fiction exhibition. Full stage lighting was also provided, as well as moving lights, which were rigged on the third-floor atrium to throw psychedelic beams of light across the whole space.

To enhance the guest journey between the Energy Hall and the exhibition itself, atmospheric background music and uplighting was used.





# WHITE LIGHT

LIGHTING • AUDIO • VIDEO

a d&b solutions company

## Science Fiction: Voyage to the Edge of Imagination Case Study



“

White Light did an amazing job, working to a tight opening deadline on a busy site. During installation they demonstrated a willingness to work with the Museum's team to reprioritise work where necessary and find creative solutions to problems.

”

**Dave Patten - Head of New Media,  
Science Museum Group**

### Project Summary

**Client:** Science Museum

**Project:** Science Fiction: Voyage to the Edge of Imagination

**Scope of work:** AV integration for the exhibition and provision of full-service event production for VIP launch

**Key Technology:** Epson (Projectors), 7th Sense (Video Processing), Soundtube (Soundscape System), Iiyama (Touch Screens), Brightsign (Media Players), Future Automation (Slide Mounting), B-Tech (Screen & Projector Mounting)

### Contact us

Events@WhiteLight.Ltd.uk  
+44 (0)20 8254 4800

Installations@WhiteLight.Ltd.uk

[www.WhiteLight.Ltd.uk](http://www.WhiteLight.Ltd.uk)

