

# Bedford Electrical

## CASE STUDY

Comprehensive Audio and Visual Installation

**Customer:** Amazon

**Location:** Multiple Sites

**Core Service:** Audio-Visual

**Sector:** Transport & Logistics



# Project Details

## Client Overview

Amazon, a global leader in e-commerce and cloud computing, required a state-of-the-art audio-visual solution to enhance collaboration and productivity across its various office locations.



## Project Overview

The objective was to transform existing spaces into **fully functional, tech-enabled meeting rooms** to support high-quality video conferencing and presentations.

Our team designed, supplied, and installed the necessary equipment, ensuring seamless integration across multiple sites.



# Objectives

## **Standardised Visual Display Solutions:**

Deploy high-quality 4K displays (from 32 to 65 inches) across meeting rooms to ensure clear visibility for in-room and remote participants.

## **Power and Connectivity Infrastructure:**

Install dedicated power outlets and ensure proper cable management for a professional, clutter-free appearance.

## **Scalable Design:**

Create a consistent system across multiple sites while allowing room for future upgrades.



# Challenges

**Challenge #1:** Ensuring uniform installation standards across multiple sites.

To achieve this, we developed a detailed deployment guide and trained local teams to maintain consistency.

**Challenge #2:** Adapting to varying room layouts and power requirements.

To combat this, we conducted pre-installation site surveys and customised solutions for each location while maintaining overall project consistency.





# Solutions

## **Equipment Selection:**

We provided and installed a mix of 4K TVs in various sizes (32-inch, 55-inch, and 65-inch) depending on the room dimensions and expected usage. We ensured compatibility with Amazon's existing video conferencing systems and other AV peripherals.

## **Power Infrastructure:**

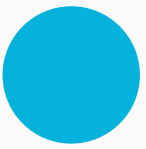
Dedicated power outlets were strategically placed for each TV, ensuring minimal disruption to the layout and aesthetic. Our electricians adhered to strict safety standards while ensuring the reliability of the power supply.

## **Installation Process:**

Our technicians worked efficiently across multiple Amazon sites to complete the installations within the agreed timeline. Each TV was mounted securely with hidden cabling, creating a clean and professional appearance. Our teams conducted tests to ensure that all systems were functioning optimally.

## **Integration with Existing Systems:**

The installations were seamlessly integrated with Amazon's existing video conferencing platforms and collaboration tools, providing a user-friendly experience for employees.



# Results

## Enhanced Collaboration:

The high-quality 4K displays provided crystal-clear visuals, enabling more effective communication and presentations.

## Professional Aesthetic:

Hidden cabling and dedicated power outlets ensured clean, modern meeting rooms.

## Improved Efficiency:

Amazon employees now enjoy a seamless experience with technology that's easy to use and reliable.

## Scalable Design:

The standardised approach allows Amazon to replicate this setup in future expansions.





## Client Satisfaction:

“The installation exceeded our expectations. The professionalism and attention to detail ensured that our meeting rooms are now fully equipped to handle the demands of our teams worldwide.”

— Amazon Facilities Manager





# Conclusion

This project highlights our expertise in delivering large-scale audio-visual solutions tailored to client needs.

From equipment selection to installation, our team provided Amazon with a reliable, high-quality setup that supports their innovative and collaborative mission.





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## Contact Us



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