Delivering Seamless Communication and Smart Security: How Endeavourcom Completed a Full Site Fit-Out in Just 4 Weeks

When 501 Fun, a global leader in social entertainment systems, contacted us for support, they had a clear brief. They were moving into new premises and they needed their communication systems to be up and running within four weeks.

The building was being repurposed, with walls being moved and new workspaces created to accommodate their ongoing business growth. The site is around 13,000 sq. ft, across two storeys, with several restricted access areas.
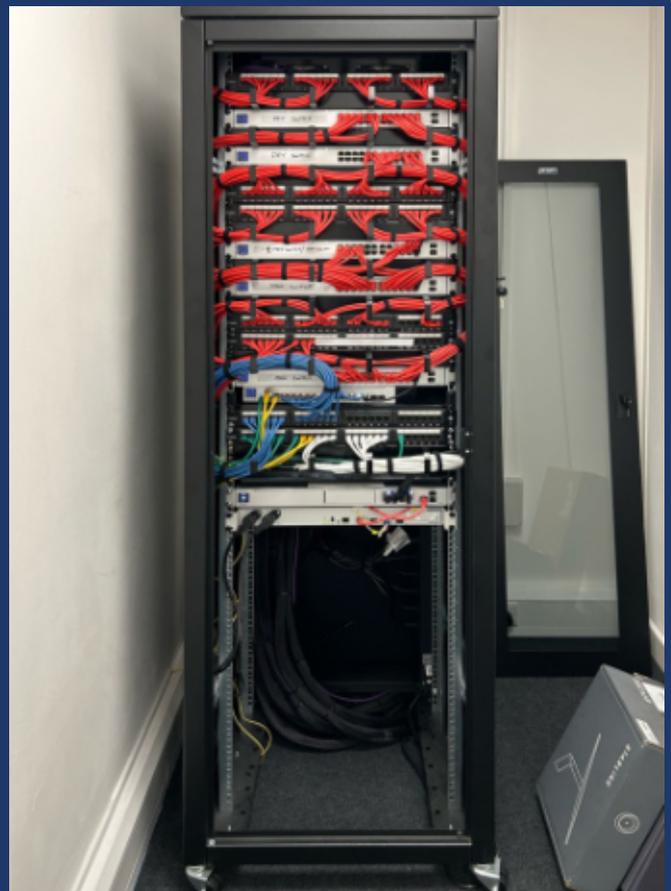
This project covered all the key areas of the site's communication, including CCTV, access control, structured cabling, and powerful WiFi with a backup link to Starlink.

Their access control had to cover multiple entry points to the main building and provide restricted, secure access to particular areas of the interior. They opted for a secure phone-based app for entry, but there is scope to utilise fobs and key entry pads if required in future.

The CCTV was imperative, not only for the obvious security risks to any building, but at this site, lorries frequently have to turn, so their movements need to be tracked, and potential vehicle or property damage must be noticed quickly and be traceable.

This site is largely metal framed, which can reduce the effectiveness of WiFi signals around a building, unless you know the equipment to use and how, and where, to install it.

And, with 8km of cabling to lay around the building, the business owner made it clear they wanted a clean, easy to manage system.

" *We chose to work with Endeavourcom because of their proven expertise. We were moving to a new site, and we needed a reliable, integrated security and communications solution in place quickly. We are impressed with what Endeavourcom has delivered, on time and within budget. The team has transformed our complex site into an efficient, easy-to-manage workspace and is now providing our ongoing support.*

David Powell, 501 Entertainment Ltd

Photo: Server rack installation for 501 Fun

Seamless Communication and Security Monitoring

What made this such an exciting project was that we opted to use a single manufacturer, Ubiquiti, for everything – the switches, CCTV, access control, WiFi and router. Everything ties together seamlessly, meaning the client has one single interface to manage.

Their communication systems work in tandem. The access control enables secure entry and exit via the app, and the CCTV monitors and logs this activity on camera, seamlessly. This offers the client smarter security and easier ongoing maintenance.

It was the first major project we completed using a single supplier; previously, it had been necessary to use multiple suppliers, combining elements where possible, to meet our exacting standards and ensure the highest level of service and coverage for our clients. Based on our ongoing experience, for the right sites, we can trust this supplier to provide a reliable, cutting-edge, complete solution.

Flexible, Intuitive Project Management

We committed to a four week timeline for this project, and were on site working alongside other building and maintenance contractors, all with their important tasks to complete. From a safety perspective, as well as time, we needed to communicate well and to predict possible challenges.

Over the course of one week, we laid 8km of cabling around the site, and, at one point, the business owner walked in to find 150 cable ends all gathered in his small communication room – and, for a brief moment, you could understand him thinking it looked chaotic. He trusted our process and our team, and by the end of the install, the room had been transformed into a tidy, racked comms room, with air conditioning and a structure that will be easy for his IT Manager to manage long term. He made a point of commenting on how incredible the transformation was.

If you don't task the right engineers with important tasks, you can make it impossible to move forward in a methodical and structured way.

During the project, Ubiquiti announced the launch of their latest video door entry system, which wasn't yet available in the UK. We sourced parts from Europe to ensure we met the four week 'move in' deadline and were able to update the final elements once the parts arrived.

Understanding what this business wanted to achieve from their communication systems remained at the forefront throughout the project; we advised the IT Manager on the placement of additional work points in the new offices, allowing their staff options to settle into their new workspace.

Minor alterations, such as a desk in the left corner rather than the right, certainly didn't result in an extra bill for a metre of cabling tagged on. We are fair in our approach to all projects; the crucial thing is how many data points they need, and we could then be flexible in the exact positioning once on site.

Our Support Doesn't Stop at Project Completion

We now provide ongoing maintenance and support for this site, and have been exploring ways to support home working for the senior management team.

Having ongoing support can also offer a regular reminder to confirm who has access to each area of a site. When multiple people have access, it is vital to keep a continuous log. And growing businesses often have regular new team members join who need fast access to both the site and their workspaces.

As part of GDPR legislation, you must maintain secure CCTV recordings and have a policy in place for who has access, and for how long information is stored.

Why Trust Endeavourcom?

501 Fun found us through LinkedIn, having seen some of our previous work and reviews. We were able to offer them a cost effective solution that would be delivered within the time frame. They trusted our engineers to have the expertise and confidence to deliver what we promised, on time and within budget. And that's exactly what we did.