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SONY

Multimedia giant's expansion keeps their cool with bespoke infrastructure.

THE CHALLENGE

Multimedia giant Sony required an update and expansion to their current server room in the UK. Their need for additional space and environmental upgrade in a live working environment proved not to be Mission Impossible.

THE SOLUTION

Comms Room Services were able to provide a quick thinking solution to Sony's challenging requirements.

The client required that the existing server unit remain live for the duration of the project as it was used for testing a variety of software including some of their best-selling games.



The project began with the expansion of the server room that required the removal of internal walls and existing false ceiling PRV vents before installation could commence. Once in place a new cooling system could be fitted. Along with this regeneration a vesda, gas suppression and air extraction systems were included in the specification.

The creation of a new plant area by our engineers meant the increased area needed adequate cooling. This was achieved with the addition of a ducted air supply fed from the new cooling system in the server room.

An environmental monitoring system was key to ensuring noise generated by the servers is kept to a minimum.

To ensure the existing server room remained live during the construction works the new electrical installation was fitted side by side with the existing system. This allowed for a smooth transition between the new and old electrical supply. Once completed, the old system was stripped out.

The aesthetics of the expansion also received an upgrade with the removal of the old carpet tiles that were replaced with new vinyl flooring. This had to happen in stages as the cabinets holding the live servers need to be repositioned.

THE BENEFITS

Sony benefitted from a revamped server room fitted with the latest cooling and environmental systems all while being able to carry out their core activities.

This meant no loss of production and allowed for a smooth change over to new systems.

