High-Efficiency, Secure Server Room for Viavi's Advanced Computing Needs

Precision-Engineering for Advanced Network Solutions

Challenge

Viavi, a global leader in network technology and solutions, required a highly efficient and secure server room to support their advanced computing needs. They needed a precision-engineered space with optimal airflow, effective heat management, and easy access for server maintenance and installation.

Solution

Drawing on our expertise with interior-fits outs within the technology industry, we designed and constructed a server room tailored to Viavi's specifications. The room featured raised flooring to optimise AC airflow, ducting systems for efficient heat extraction, and a ramp to facilitate easy movement of server racks. We ensured the layout and materials were selected to support the high demands of 5G server operations and future scalability.

> ***To enhance Viavi's production requirements we were required to install a new purpose built 5G wireless server room. This has enabled them to streamline their business and cater to their growing needs.***

Contracts Manager
One Facility

Outcome

The result is a cutting-edge server room that meets Viavi's stringent requirements for performance and efficiency. With optimised airflow, efficient heat management, and seamless access for maintenance, Viavi can operate their high-performance servers with confidence. Our comprehensive approach and attention to detail has provided Viavi with a reliable and secure environment, supporting their mission of enabling new technological possibilities worldwide.

Optimised cooling

We installed raised flooring for bottom-up AC airflow and integrated ducting systems for efficient heat extraction, ensuring optimal server performance.

Enhanced accessibility

Built a ramp and designed the layout for easy movement and maintenance of heavy server racks, facilitating seamless operations.

Precision engineering

We selected materials and designed the space to meet the rigorous demands of 5G server operations and future scalability.

Ongoing support

Providing ongoing maintenance and support to ensure the server room operates at peak efficiency, supporting Viavi's advanced technological needs.