

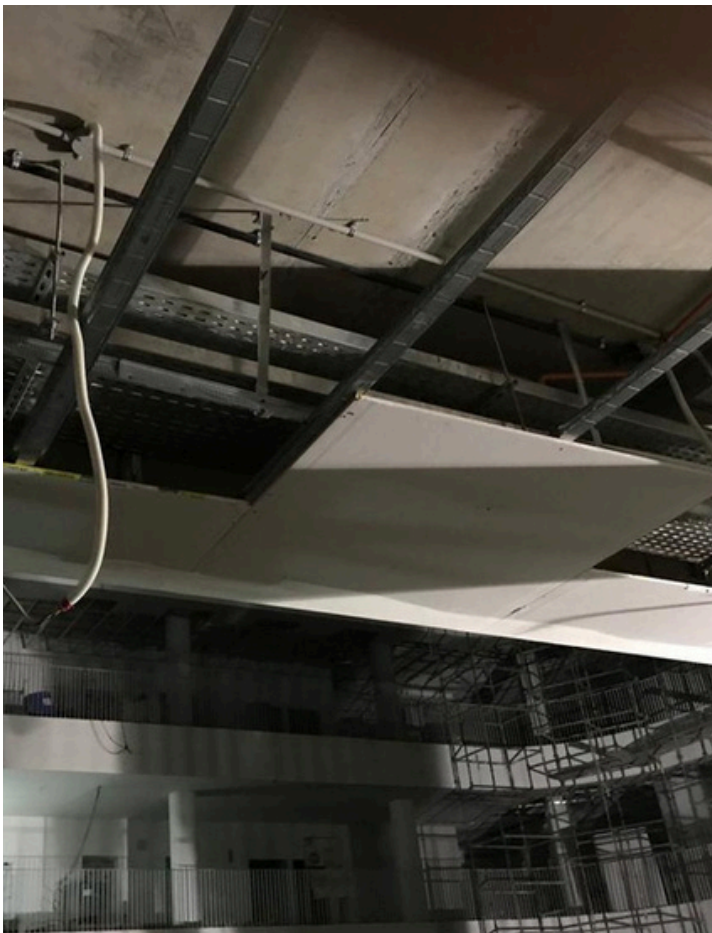


How Effective Is Campus-Wide IT Network Infrastructure Solutions to Reduce Cost and Time?



OBJECTIVES

To build a campus-wide IT networking infrastructure that is both cost-effective and technologically advanced.



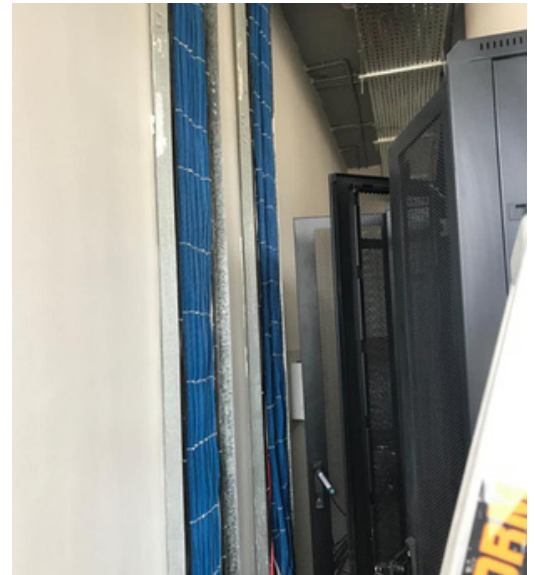
THE CUSTOMER DID NOT HAVE A CLEAR IDEA ABOUT REDUCING THE PROJECT COST WITHOUT COMPROMISING THE PERFORMANCE OF THE NETWORK.

- We found out there was an excess length of the network cables and conduits after analyzing the complete network, which was centralized to a common server room from multiple locations/floors.
- The network performance was reduced due to the length exceeding the recommended standard.

SOLUTION

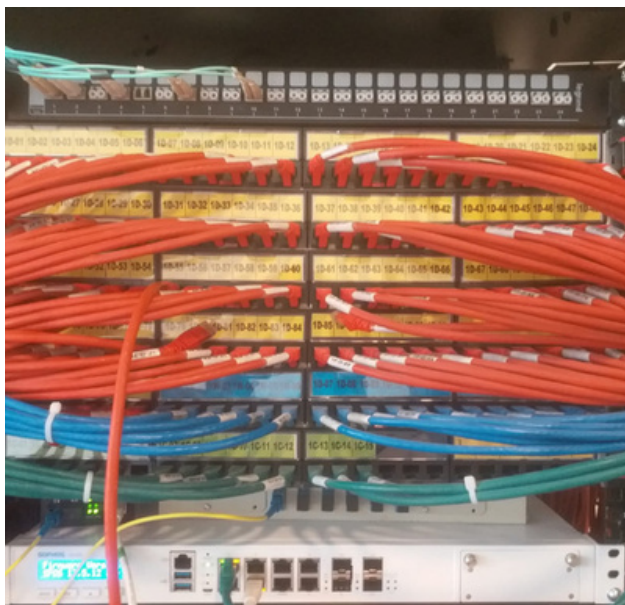
WHAT MADE OUR PRODUCT OR SERVICE STAND OUT AGAINST OUR COMPETITORS?

We decentralized the copper network floor by floor in accordance with industry standards and consolidated the entire network into a common server room via a fiber optic backbone. This reduced the copper cable length and increased the performance of the overall network, which reduced the overall cost of the project.



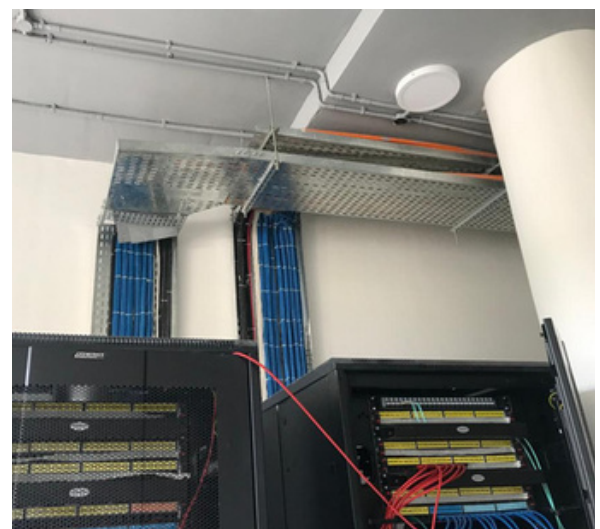
HOW CUSTOMERS BENEFITED FROM USING OUR PRODUCT OR SERVICE?

- The new network architecture that we designed is scalable for future expansion without modifying the existing cable structure.
- The redesigned network enhanced the performance and reduced the cost.
- The recommended OEM product helps the customer save on the cost without any compromise on overall performance for the end user.



WHAT MIGHT HAVE HAPPENED IF YOU DID NOT IDENTIFY A SOLUTION?

- The performance of the network would have been reduced due to over length of network cables.
- The cable trays would have been inadequate due to excess cables & conduits running from multiple floors to a common server room.
- The time of the project's completion would have been increased by the time of running multiple cables.
- The cost of the project would go up due to increases in cable length, cable tray, conduit, and installation costs.



SOLUTION

HOW DID WE SOLVE THE CHALLENGES OF CUSTOMERS?

- We identified issues in the initial design which were not adequate as per the site condition. We redesigned
- the consolidated network (explain consolidated network) according to the site conditions as per the industry standard. Network performance has increased due to optimized network design. Cost of the overall projects has come down by 18% due to our competence.



RESULTS

WHAT RESULTS ARE PRODUCED?

- The project was completed before the deadline due to a simplified solution.
- Operational training is conducted for the usage of network infrastructure.
- Pre-commissioning site inspection performed in collaboration with the client.
- Handed over the project with relevant documentation.

WHAT RESULTS ARE PRODUCED?

- Yes, we exceeded their expectations and received two more further projects.

FUTURE PLANS FOR CUSTOMER

WHAT ARE THE FUTURE PLANS OF OUR CUSTOMER?

- Without modifying the existing network, the customer can expand the network.
- The existing system is built by keeping the future expansion intact and without modifying the existing network infrastructure.
- Student and Faculty Behavior Monitoring, Smart Class Room, Mobile Surveillance, Lecturer Capturing & Broadcasting and GPS Tracking, etc.

SOCIAL MEDIA

