

Mortgage Bankers

Digital Infotech provided services to reorganize the network equipment racks at a bankers association headquarters that were poorly installed by another company.

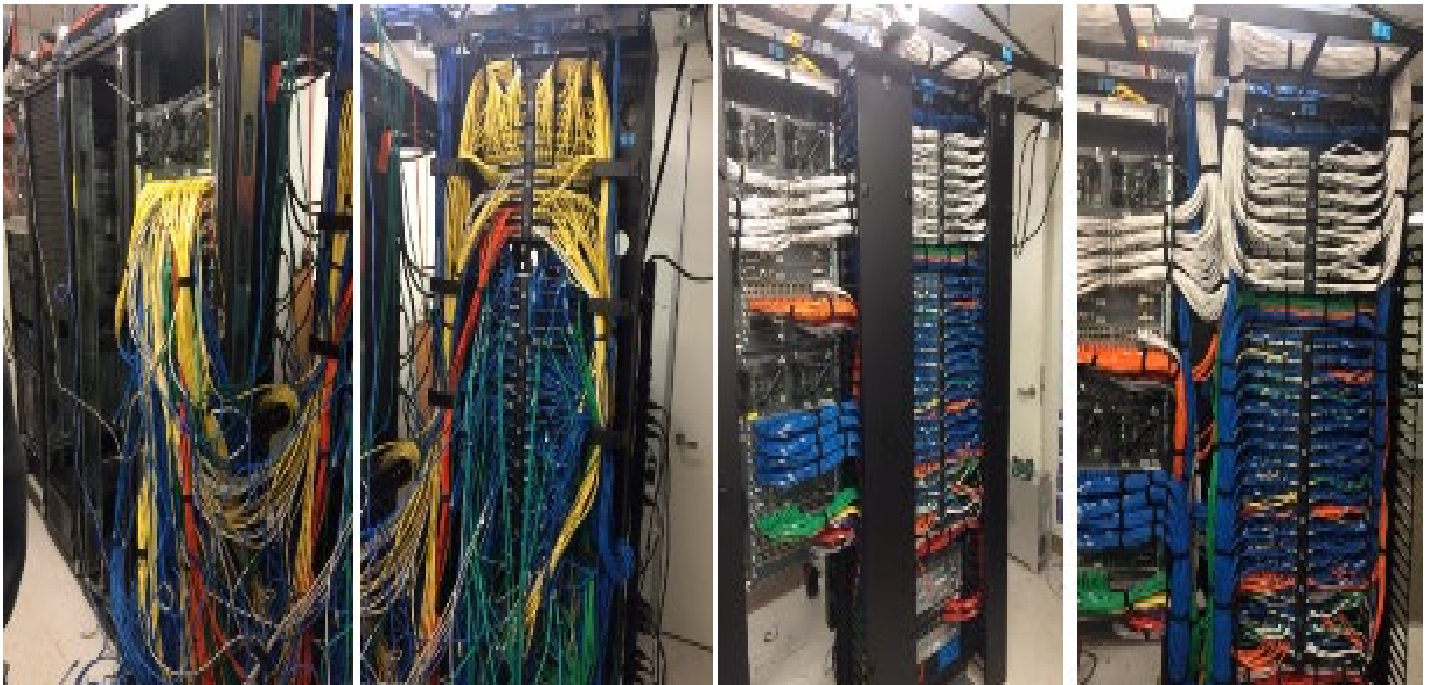
There were a numerous mismatched and excess length patch cables installed in the network racks. The equipment rack and the vertical cable managers that were installed were the incorrect cable managers for this installation when utilizing angled patch panels.

Digital Infotech provided labor to assist the customer in removing two existing cabinets, one housing the network electronics and one that was emptied to create space for a new open equipment rack for placing network electronics that were not mounted in a rack or cabinet.

Digital Infotech replaced the existing vertical cable managers with the correct cable managers. FPI also installed two crossover managers with waterfall fittings over the equipment racks and attached them to overhead ladder rack.

Digital Infotech then removed all existing patch cables and installed and dressed in new patch cables (192 white for the voice ports and 480 blue for the data ports).

Digital Infotech performed all this work during an outage over weekend beginning Friday evening and completed on Saturday afternoon.



Cat 6 Structured Data Cabling Installation & Refurbishment Project

We have been working in Richmond, Surrey, refurbishing and reusing a Category 6 cabling system as part of an office project.

This approach saved over £36K against purchasing a new system.

The previous tenant had cut the Cat 6 cabling at the patch panel when they vacated the building, leaving us with a project to try and make use of the 800 cables that were in a big pile on the floor.

Our first job was to relocate the floor boxes to the correct position - some cables were not long enough to relocate.

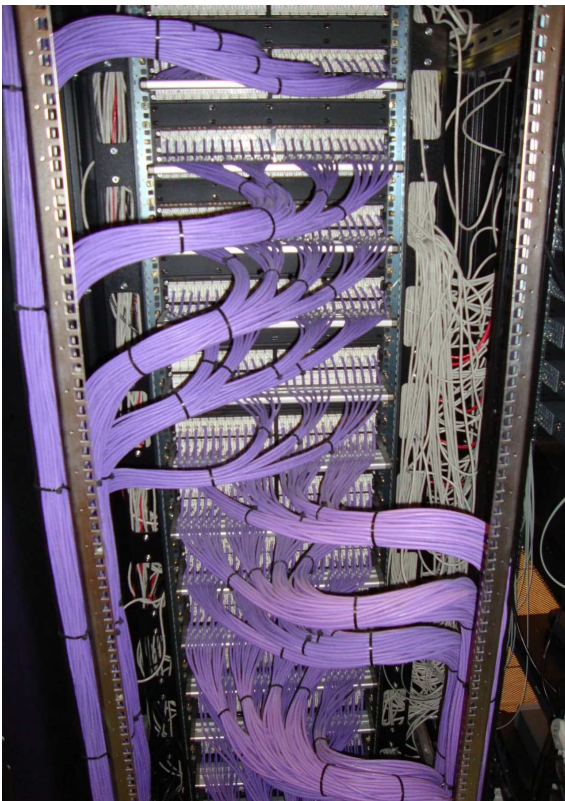
We then went round all the floor boxes with our cable identification tool and began the process of numbering everything up both ends.

So we now had all the floor boxes in the correct place and everything identified. Our next job was to pull in the missing cables, or ones that were too short.

The termination of the patch panels came next, followed by a full Fluke Certification test of the entire cabling installation. We identified around 20 existing circuits that fell short of the Cat 6 standard - around 15 of these also failed against Cat 5e or Gigabit ethernet.

The main fault identified was faulty damaged cables near to the floor box end. A day later, all faults were fixed.

The customer was able to reuse the existing cabling system, and save around £36K by avoiding having a completely new system installed.



Core Network Refresh for TAL Insurance.

TAL Insurance, a leading life insurance specialist in Australia, faced challenges with their aging network infrastructure. To support their growing business needs and ensure seamless operations, TAL decided to undertake a core network refresh with structured cabling.

Objectives:

- **Enhance Network Performance:** Improve data transfer speeds and network reliability.
- **Future-Proof Infrastructure:** Implement a scalable solution to accommodate future technological advancements.
- **Minimize Downtime:** Ensure minimal disruption to business operations during the upgrade.

Solution:

- **Structured Cabling:** Installed a state-of-the-art structured cabling system using high-quality copper and fiber-optic cables.
- **Network Equipment Upgrade:** Replaced outdated network switches and routers with advanced, high-performance models.
- **Project Management:** Employed a phased approach to ensure smooth transition and minimal impact on daily operations.

Results:

Improved Efficiency: Enhanced network performance and reliability, leading to better overall productivity.

- **Scalability:** The new infrastructure supports future growth and technological upgrades.
- **Reduced Downtime:** The phased implementation ensured business continuity with minimal disruptions.

