Align Streamlines Operations and Maximizes Efficiency for Two Government Data Centers

THE OVERVIEW

A government organization in New York embarked on a journey to modernize and streamline their critical IT infrastructure. With a vision to reduce the footprint of two aging data center facilities, they chose Align's multidisciplinary team spanning Data Center Infrastructure Design & Build, and Migrations, to lead this project.

This project faced several critical challenges that the Align team needed to address:

- **Legacy Technology:** Their data center facilities had outdated technology, leading to inefficiency and escalating operational costs.
- **Space Utiliziation:** They needed to repurpose data center square footage into office and meeting spaces, optimizing the use of valuable real estate.

THE SOLUTION

- **Performed Technology Inventory:** Project began with a comprehensive inventory of existing IT assets. This helped the client gain full visibility into their technology landscape, a vital step for strategic decision making.
- **Eliminated Waste within Facilities:** Align's team streamlined the facilities by eliminating obsolete, redundant and underutilized technology. This reduced risk and opened up valuable space for more productive purposes.
- **Designed Efficient Data Center Space:** Align experts leveraged their unique qualifications in both data center infrastructure and workplace design. This holistic approach led to cost and time savings, as the client relied on a single partner to manage every aspect of the project.

THE RESULTS

- Inventoried over 4,000 assets, disposed of 250 devices and 1,000 hardrives with safe technology disposal methods
- Migrated the network, network devices, circuits, underfloor cabling, and multi-mode fiber trunks
- Reduced data center footprint by 25% and created usable meeting spaces
- Completed the project while maintaining network operations risk free, on-time and on-budget

INDUSTRY: Government

FOUR-PHASED APPROACH:

1 Inventory:
- Performed technology inventory & mapped dependecies
- Delivered insight & transparency into technology landscape
- Determined end-of-life assets

2 Whitespace Design:
- Designed the spatial layout based on technology components
- Refreshed infrastructure & managed network design
- Reduced overall footprint by 25%
- Repurposed open space for meeting rooms

3 Physical Migration:
- Created detailed migration plan
- Migrated all technology in 2 phases
- Conducted testing of migrated systems
- Maintained network operations throughout migrations

4 Decommission & Disposal:
- Managed data erasure and equipment disposal
- Provided documentation of disposed assets

ALIGN SERVICES:

Data Center Infrastructure Design

Lift & Shift Migration

Data Center Decommission