# Major Office & Data Center Design, Planning



## CLIENT SUMMARY

- Client Type: Government
- Location(s)
  o Rockville, MD
- Project Type:
  o Core + Shell design
  o Office design
  o Data Center design

## PROJECT DETAILS

- Major renovation of existing facility, with concurrent occupancy and construction over multiple migration phases
- 1,000,000 SF core & shell technology infrastructure design, construction
- 850,000 SF tenant fitout design, construction for technology infrastructure
- 3,000 SF, Tier III, high-density data center design, migration plan
- Carrier & tenant coordination to upgrade service facilities
- Physical security infrastructure design to support FPS standards for sensitive and high-risk facilities

The US Department of Health & Human Services (DHHS) was a tenant in the original facility that required major renovations to comply with recent federal mandates and to approximately double the occupancy to 5,000 workers. While these major renovations were occurring, the agency had to maintain operations and providing services to the community, which required significant logistical planning and design, construction phasing. The building also hosted one of DHHS' main data centers, which had to remain online.

Nephin was tasked with the complete technology infrastructure design and logistical planning for the technology upgrades and migrations. It involved significant coordination with IT resources to document what systems and services were in and dependent on the facility, not just to understand the design requirements but to orchestrate how the new infrastructure could integrate to support the migration. Aside from the existing IT and data center infrastructure, the new technology infrastructure design included IT, communications, telecom, physical security, AV, and more. The Physical security design involved bulletproof guard stations, CBR sensors, magnetometers, x-ray machines, gun range, and more. Overall, the project took 4 years from planning through construction.

### SERVICES AVAILABLE

Infrastructure Assessments
Technology Infrastructure Design
Technology Consulting
Technical Project Management
Master Systems Integrator
Energy Assessments
Energy Management

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