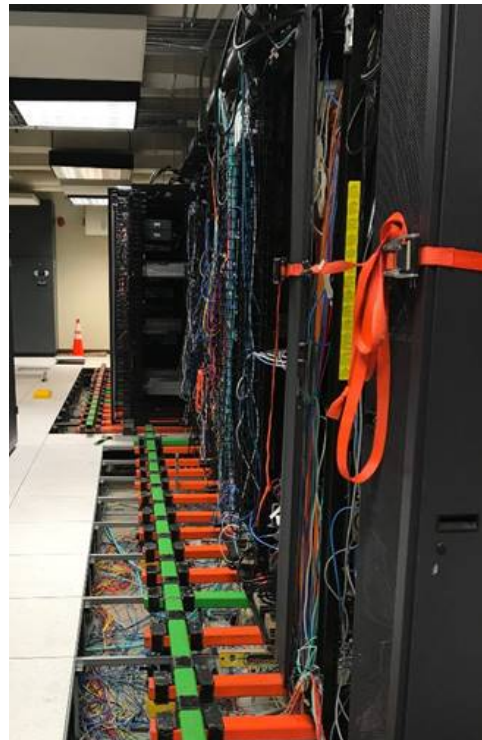
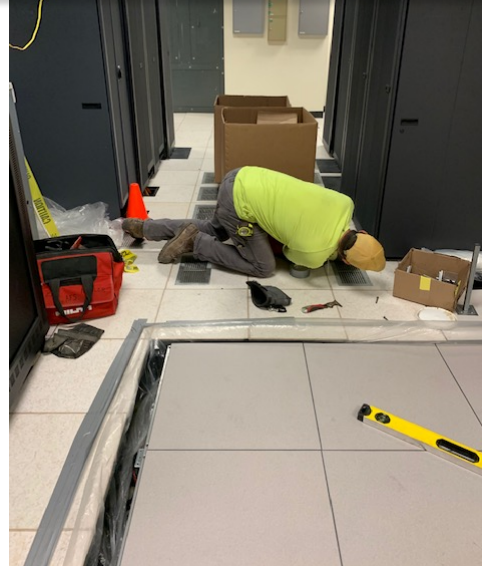
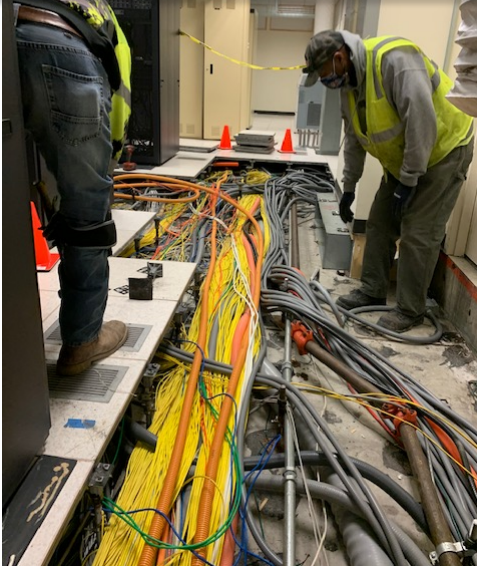




## Access Floor Specialists, Experts in data center upgrades

Owners are finding value by upgrading their aging data center infrastructure. Extending the life of the asset for another 20-30 years. AFS has 20+ years of experience upgrading mission critical facilities without interrupting IT operations





Access Floor Specialists can employ the "Live Lift Platform" system and raise entire rows of servers to replace the access floor under previously "captured" panels. Call us today about our unique services to extend the life of your clients data center.

330-656-3015



Access Floor Specialists has experience in design/build, renovation, and replacement projects in data centers. AFS offers utility pathway solutions under floor utilizing raised access floors or overhead with structural ceiling grid.

Air flow and energy usage optimization services with solutions including:

- Directional air flow panels
- Multi-zone damper
- Containment
  - Cold aisle
  - Hot aisle
- Structural Ceiling Grid
- "Live Lift Platform"

## Success Story: Montgomery County Data Center

### Project Challenges

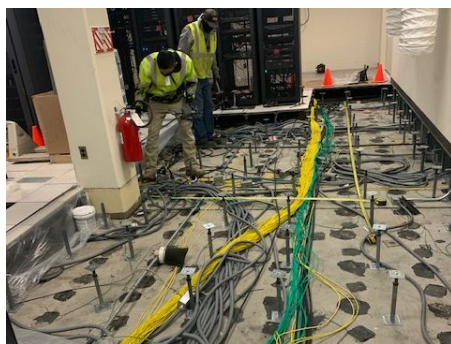


The 40 year old data center has seen several IT technology refreshes throughout its use, and the infrastructure supporting the IT function had reached the end of its serviceable life. A new CRAC unit installed in 2016 lead to new piping, conduit, and fiber runs that interfered with existing utilities creating a blockage in the underfloor plenum.



This interference lowers the efficiency of the new CRAC unit. It also created a safety hazard as the raised floor panels can no longer lay flat. The antiquated raised floor system also included inefficient floor grilles and delaminating panels with broken edge trim.

### Access Floor Specialists Replacement



AFS was able to replace the entire access floor, clean the sub floor, and assisted in removing old unused utilities. After replacing the floor, AFS was able to optimize the position of dampers and directional air flow panels. By directing the cool air to the server load, the county is able to shut down an entire CRAC unit! Leading to thousands of dollars in annual energy savings!

