

DataSpan Live Data Center Raised Floor Replacement

What many deemed impossible — and some called crazy — became reality thanks to the exceptional collaboration between our facilities team and DataSpan. Together, we completed a full replacement of the raised access floor across a 20,000-square-foot data center, replacing every pedestal, stringer, and floor panel while keeping critical computing equipment fully operational.

A raised access floor is more than a platform; it supports power and cabling, monitoring and mechanical systems, and essential airflow for high-performance computing. This project required meticulous planning and flawless execution. The most extraordinary challenge was lifting live server cabinets two to three inches off the existing floor — some cabinets weighing over 2,500 pounds and entire rows exceeding 10 tons. DataSpan's innovative rigging system safely suspended the cabinets while the old floor was removed and a new, structurally sound floor installed beneath them, after which the cabinets were gently lowered into place.

After nearly six months of detailed coordination and two months of execution, the facilities team and DataSpan delivered a complex, high-risk project with zero interruptions and no impact on business operations. Their professionalism, engineering expertise, and commitment to risk mitigation exceeded our expectations. I strongly recommend DataSpan for any mission-critical infrastructure project where safety, continuity, and precision are non-negotiable.



— Facilities Manager for a Global Insurance Company