



Customer Success Story

Fortune 500 Data Center Decommissioning

“*Dynamic exceeded our expectations at every turn.*”

High-Security Data Center Decommissioning.

The client was a Fortune 500 company; the task involved executing a large-scale, high-security data center decommissioning in a clean room environment. The project required precise planning, rigorous data sanitization, and adherence to strict environmental protocols. We successfully decommissioned and deracked 660 Cisco UCS servers, each weighing approximately 2,000 pounds and containing 54 HDDs and 4 SSDs per unit, totaling 37,280 drives.

CHALLENGES

Secure, compliant decommissioning

- Clean Room Protocol Compliance: Operations had to meet ISO-certified clean room standards, including ESD-safe procedures, particle control, and PPE requirements.
- Massive Hardware Scale: Each server was large, heavy, and fully populated with drives, necessitating specialized equipment and coordination for safe de-racking and transport.
- Data Security Requirements: All drives required onsite NIST 800-88-compliant wiping, and

serial numbers had to be meticulously recorded using parent-child mapping.

- Time-Sensitive Decommission: The project was under a strict timeline with multiple compliance checkpoints and internal audits.

APPROACH & EXECUTION

Planning and logistics

- Conducted pre-engagement site surveys to evaluate layout, rack elevation, floor load capacities, and access routes.
- Developed a phased extraction and handling plan for the 660 Cisco UCS servers.

Secure data erasure & inventory capture

- Implemented onsite parent-child serial number capture, matching each drive's serial number to its corresponding server and rack location.
- Utilized enterprise-grade software tools for NIST 800-88 Rev 1 compliant sanitization.
- Maintained an auditable chain-of-custody, with all 37,280 drives wiped onsite and validated through automated logs and technician sign-offs.

Physical Deracking & Removal

- Used precision lifting equipment to safely de-rack the 2,000-pound UCS servers without violating clean room standards.
- All materials were bagged, sealed, and labeled within the room before removal to prevent particulate contamination.
- Units were palletized with anti-static protection and securely transported for asset disposition.

Reporting & Compliance Documentation

Delivered a full asset reconciliation report, including:

- Drive wipe logs
- Parent-child serial correlation
- Environmental handling certifications
- Chain-of-custody documentation

Outcomes

- **Guaranteed Security:**
100% Successful Wipe Verification of all 37,280 drives.
- **Zero Clean Room Contamination Incidents:**
Passed all post-project particle and environmental audits.
- **Efficient Execution:**
Completed Ahead of Schedule by 3 business days.
- **Minimized Downtime:**
Client was able to repurpose the clean room space immediately post-project.

Key Metrics

Servers Decommissioned	660 Cisco UCS Servers
Weight Handled	Approx. 1.32 million lbs
Total Drives Wiped	37,280 (HDDs + SSDs)
Clean Room Compliance	100%
Serial Number Captured	Parent-Child Mapping
Wipe Standard	NIST 800 - 88 Rev 1

About Dynamic

Dynamic Lifecycle Innovations is a full-service electronics and materials lifecycle management corporation specializing in IT asset disposition. Dynamic creates customized service packages designed to safeguard sensitive data and provide maximum value return.

95

Net Promoter Score

9.98

Customer Effort Score

9.34

Customer Satisfaction

CONCLUSION

Secure and efficient

This project demonstrated our ability to manage complex decommissioning engagements at scale, in highly controlled environments. By blending logistical precision with secure data handling protocols, we ensured the client's assets were responsibly retired without compromising environmental or data security standards.