

Growing and merging data centers to meet immediate needs can lead to long-term problems that could result in outages. With the Force 3 Data Center Assessment, we analyze your current environment and show you how to transform your data center so it operates efficiently, can adapt to changing needs, and is scalable to grow with you.



THE CHALLENGE

Your data center is the technological hub of your agency. But as data centers grow and merge, they can end up with server sprawl, inherit duplication of resources, and silos that increase operating costs and complexity. All of this leads to reduced availability and reliability of critical data center resources that can limit your ability to expand its capabilities and could ultimately result in outages. If your data center isn't operating at peak performance, your agency suffers.

WHO WE ARE

Force 3 is the Network Security Company. We provide transformational technology solutions and services that help you achieve mission success. We securely design, deploy, support, and maintain the needs of our nation's most critical infrastructure.

OUR APPROACH

Force 3 takes an end-to-end approach to assess compute functions, storage devices, and the networks in your data center. Through our process, we reveal where the issues lie and recommend solutions that will align your data center and make it more cost-effective and agile. We can locate gaps in the infrastructure and generate critical identifiers that will increase its efficiency, adaptability, and scalability.

We use a workshop approach to help IT departments understand their current data center environment. Using best practices and proven methodologies, our engineers will identify and address the elements that contribute to inefficiency in your data center and position you to plan for data center transformation. Through our assessment, we also help you build a roadmap to ready your data center for the cloud, whether your agency is using a private, public, or a hybrid cloud environment.



THE FORCE 3 DATA CENTER ASSESSMENT

Force 3 assesses your physical plant, compute functions, storage, networks, and service requirements. The assessment also includes a review of your support and administrative processes.

Assessment Components:

Physical and Environmental

We review of the physical environment to accommodate expansion and environmental upgrades such as HVAC, power, and space for storage, staging, and expansion.

Compute

Force 3 Engineers will work to determine the requirements for your current and future applications and provide a migration path to improve infrastructure to support both current and future use cases. These could include physical and virtual infrastructure, virtualization management, server management, and current capacity and usage and KPI's.

Storage Management

We take the time to understand your storage environment, identify trends in storage utilization, and make recommendations where needed for storage and SAN upgrades. This includes recommendations for backup strategies and systems and disaster recovery strategies and planning.

Network

We review your network architecture, L2/L3 boundaries, Data Center Interconnect (DCI), and policies/FW rules for ingress/egress to the data center and between applications. This includes a review of L4-7 services. Through this review, we offer recommendations to improve performance, security posture, and manageability.

DATA CENTER ASSESSMENT METHODOLOGY

Initial Data Collection

We start with a questionnaire to collect baseline information about your data center's infrastructure. This questionnaire helps us evaluate what you require and guides us to focus on specific needs. We collect high-level information about your physical plant, applications, and the storage, server, and other data center networking devices used within your ecosystem.

Onsite Workshop & Analysis

From there, our experts meet with your IT team to collaboratively review the data and develop a comprehensive inventory of data center compute, storage, and network assets. Together we outline the requirements, constraints, processes, and future deployment strategies to transform your data center.

Data Center Transformation Assessment Report

Force 3 will deliver a final assessment report that outlines the current status of your infrastructure and offers a requirements analysis and recommended approach to transform your data center.