

# THE CASE OF THE **COMPLEX DATA CENTER**

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## CDW DATA CENTER ASSESSMENT SERVICES

THE CHALLENGES | THE SOLUTION | THE BENEFITS



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Your data center is asked to do a lot. As a result, it's becoming increasingly complex. Deciding what steps to take to boost the performance of your data center can leave you scratching your head. We get it. Our Data Center Assessment Services can help you **BETTER UNDERSTAND YOUR CURRENT ENVIRONMENT.**

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## THE CHALLENGES

# THE JOURNEY TO UNDERSTANDING.

Cloud computing. Rising storage demands. Virtualization. Consolidation. There is no shortage of issues pulling your data center and your decision-making in different directions. Here are some of the biggest obstacles you must overcome in making sense of your increasingly complex data center.

### VIRTUALIZATION REFRESH OR MIGRATION

Different IT departments have varying levels of virtualization in their data centers. Whether you are looking to refresh your current virtualization solution or implement a new platform, you need a thorough understanding of the data center infrastructure.

### SITE CONSOLIDATION

To save costs on resources and lessen their device footprint, many organizations have turned to data center consolidation. A holistic approach is needed to avoid any hiccups along the way.

### STORAGE CAPACITY UPDATE

Storage needs are exploding, and many organizations need to update their storage infrastructure to keep up. In doing so, they must ensure that they're building in scalability and flexibility.

### CLOUD MIGRATION

The decision has been made to move some of your computing or storage resources into the cloud. This transition must be seamless to ensure that you are able to scale computing and storage as easily as possible.

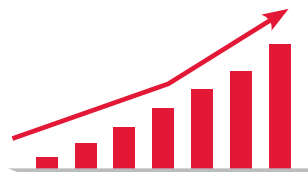


## NO.1 PRIORITY

IT decision-makers cited data center consolidation as the #1 critical priority for their IT infrastructure.<sup>1</sup>



# 97%



The expected annual growth of the software-defined data center market through 2018.<sup>2</sup>

# 65%



The percentage of IT professionals who see storage issues as an obstacle to meeting data center performance expectations.<sup>3</sup>

## THE SOLUTION

# LEAVE NO SERVER **UNTURNED.**

We have experience with data center assessment projects of all types and sizes. Every project is unique, but with our broad knowledge in every area of data center operations and infrastructure as well as a deep understanding of your organization, our experts will ensure you get the actionable insights you need. Our process begins by first helping to identify the true problem we are trying to solve. Working together, we then define the goals for your project and determine which assessment or combination of assessments is right for your organization.

Each assessment we perform involves a wide set of data-gathering tools to help you understand the short- and long-term demands on your equipment. Timeframes can vary from a few minutes to 30 days, but you can be sure we take only as long as needed to get a detailed view into your activity. We then present our findings in a report along with the recommended solution and implementation strategy. All our assessments, except for the power and cooling assessment, can be done remotely.

## OUR DATA CENTER ASSESSMENTS INCLUDE:



### SERVER, STORAGE AND VIRTUALIZATION

Gathering inventory and performance data to provide a clearer picture of your server's supply and demand



### DATA LOSS PREVENTION

Our DLP Risk Assessments provide a focused security approach to your sensitive data by working to secure the data itself



### BACKUP

Helping you understand how effective your backup strategy is, as well as whether its speed is impeding any other areas of your organization



### POWER AND COOLING

Onsite assessments examining your overall goals, airflow and hot spots and providing you with a complete set of recommendations



### NETWORK

Multitiered assessments providing you with anything from inventory and health-of-network hardware to detailed network and server analytics and beyond



### CLIENT VIRTUALIZATION

Analyzing your existing client virtualization environment to help optimize performance and boost your productivity

## THE BENEFITS

# MINIMIZE CONFUSION. **MAXIMIZE PERFORMANCE.**

A data center assessment can deliver the following benefits to your organization:

**CERTAINTY** – These assessments provide all the data you need to gain greater visibility and a deeper understanding of your data center performance.

**FUTURE PROOFING** – We recommend the solution that will enhance your current environment but also provide the flexibility for future growth.

**ACTIONABLE INSIGHTS** – We don't just hand over pages of data. Our experts break it all down to give you the key insights to help you determine what to do next.

**INDIVIDUALIZED INSIGHTS** – No canned results. Every assessment is custom-designed to match the unique needs and future goals of your organization.

## WHY CDW?

# THE KNOW-HOW TO **CRACK ANY CASE.**



### THE PEOPLE

Our account managers receive regular training in new data center developments, and our security solution architects have deep knowledge to guide you through every stage of the data center assessment process.



### THE PARTNERS

Our partnership with leading data center vendors grants you access to some of the most dependable products on the market. And our vendor-agnostic approach guarantees that you always get the right components for your unique situation.



### THE PLAN

From the initial assessment and product selection to implementation, management and beyond, our experts are there for you and are committed to helping you take your data center performance to the next level.

To learn more about how CDW's experts can help your data center, visit [CDW.com/datacenter](http://CDW.com/datacenter). You can also download our [Data Center Services Overview at CDW.com/datacenterfix](http://CDW.com/datacenterfix)



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<sup>1</sup>Forrester Report, *Converged Infrastructure Matures and Proves Its Value*, May 2013  
<sup>2</sup>TechNavio study, *Global Software Defined Data Center Market 2014-2018*, January 2014  
<sup>3</sup>DataCore Software Survey, *The State of Virtualization and the Impact of Storage*, March 2013

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