

# Data Centers

## Building Hyperscale at Hyperspeed

Accelerated by the pandemic, skyrocketing demand for processing power is driving the trend toward new or expanded data centers. Global IT leaders are faced with the challenge of attracting, training, and retaining the right technical staff to build these massive operations quickly and expertly. Because hyperscale data centers are often located in sparsely populated areas, the competition to recruit qualified technical talent is fierce. That's why IT leaders search for a strategic partner with a global presence, the technical know-how, and ability to manage talent in a highly structured, repeatable way across multiple global sites simultaneously.



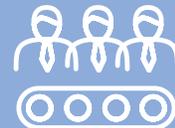
### Rethinking Hyperscale “as Usual”

Enterprises are rethinking their approach to hyperscale data centers moving from the traditional patchwork of local teams to a global standardized strategy. That means investing in the long term, anticipating requirements, and standardizing methodologies for repeatable, predictable services and results across all sites.



### The Talent Cycle: A Better Way

A global data center strategy requires a cyclical approach to recruiting, training, and retaining talent. Cultivating talent for the long haul and creating a global, synergized workforce ensures you can reallocate resources (and knowledge) from one project to the next so the entire process comes full circle.



### The Right Approach, The Right Partner

For the foreseeable future, companies are focused on building new data centers, retrofitting existing data centers, and maintaining the day-to-day function of those data centers. A skilled partner can orchestrate each aspect of the process giving you the ability to go to market quickly through strategic planning and rapid mobilization.

# Keeping Up with Demand for Data Centers

The world has an ever-increasing appetite for doing everything online. That means an almost endless need for computing power, storage, and connectivity. The companies that need massive data centers are masters at running apps through data centers, but not building them. That's why they join forces with a specialist who is a master at global data centers.

The number of large data centers operated by hyperscale providers **doubled between 2015 and Q3 2020**. Microsoft alone plans to build 50 to 100 new data centers each year.<sup>1</sup>

“AWS, Google, and Microsoft will continue to spend billions throughout 2021 to increase market reach by expanding their data center footprints into new geographies or regions with high cloud and data services demands.”<sup>2</sup>

Internet traffic jumped between **25%** and **30%** during the initial COVID-19 lockdowns (March–April 2020), which is **ten times** the normal growth.<sup>3</sup>

1. <https://www.crn.com/slide-shows/data-center/10-hot-data-center-technologies-and-trends-to-watch-in-2021>

2. Ibid

3. <https://www.globenewswire.com/news-release/2021/02/17/2177296/0/en/The-data-center-market-by-revenue-is-expected-to-grow-at-a-CAGR-of-4-5-during-the-period-2021-2026.html>

## Customer Success Stories

### Strategic, Essential Hyperscale Data Centers with Aggressive Deadlines for Global Powerhouse

A global Data Center Services client needed hyperscale DCs to support their strategic plans and enable applications and services to billions of people worldwide. Black Box provided a holistic suite of services, including recruiting, training, and retaining talent, to construct and maintain multiple global DCs to the highest standards in the industry. DCs include more than 20,000 server cabinets and enough fiber cabling to stretch from California to Sweden.

As a preferred data center partner, Black Box has been entrusted with new data center build-outs. The client's complex requirements include aggressive go-live deadlines while continuing to operate and maintain the client's production environments, which carry massive traffic throughout the world.



See all the details [here](#).

### Ready to move forward with your data center project?

Contact us at **855-324-9909** or email us at **[contact@blackbox.com](mailto:contact@blackbox.com)**.

### WHY CHOOSE BLACK BOX?

Recruiting, training, and retaining hyperscale data center construction and technical staff takes a global company with a global approach. Black Box's Data Center Practice embodies this philosophy. The data center practice follows the “think global and act local” ethos – providing a modular global program that offers centralized solutions development and strategic planning while maintaining local project management and a local technical workforce for scalable delivery. Our services extend beyond the data center build and retrofit technical staffing to include day-to-day operations management, building automation, and in-building wireless networking – all managed through a single project management office to ensure consistency and quality around the globe.

### ABOUT BLACK BOX

Black Box® is a trusted IT solutions provider delivering cutting-edge technology products and world-class consulting services to businesses across the globe in every industry. The breadth of our global reach and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.

