

# 6 TYPES OF DATA CENTERS THAT YOU NEED TO KNOW

Data centers come in all shapes and sizes. You might be wondering, "Which one is the best for my company?" This quick guide will give you an overview of different types that are available for your infrastructure needs!

## COLOS

Colocation facilities (colos) rent or lease space to multiple organizations to support their data center needs. Colos provide businesses with guarantees around cooling, physical security, uptime, monitoring and maintenance.



## CRYPTO MINING DATA CENTERS

Data centers that support cryptocurrency mining, such as Bitcoin or Ethereum, can accommodate massive computing needs and have specialized hardware and cooling requirements. These powerful systems use a lot of energy — they're called "mining rigs" for a reason!

## HYPERSCALE DATA CENTERS

Hyperscale data centers can house thousands or even millions of servers. These facilities are built with scalability in mind, which means they can be scaled up by increasing power consumption or adding more rack space for equipment as needed. They are an excellent way for tech companies to grow quickly.



## EDGE DATA CENTERS

You can find edge data centers at the edge of a network, providing improved connectivity and lower latency for end-users. Edge data centers are like their traditional counterparts, but these smaller facilities can be physically closer to network users rather than in remote locations.

## CLOUD DATA CENTERS

Cloud data centers are an excellent way for companies to store data. They have backup power supplies and the costs of running them are much lower than on-premises data centers.



## ENTERPRISE DATA CENTERS

Enterprise data centers provide highly secure, reliable, scalable and cost-effective IT solutions. They are kept at an optimal temperature year-round, and the power supply is redundant in natural disasters.

**EACH TYPE OF DATA CENTER SERVES A UNIQUE PURPOSE, SO ITS INFRASTRUCTURE NEEDS TO SUPPORT ITS OPTIMAL PERFORMANCE. MAYSTEEL'S DAMAC PRODUCT LINE MANUFACTURES CUSTOM SERVER RACKS FOR MODERN IT INFRASTRUCTURE.**