Easy Modular Data Center All-in-One

Delivering simplified designs, predictable performance, and fast production

The amount of raw data that will be created by IoT devices and other sources outside of a data center or the cloud is expected to increase dramatically.

In order to avoid the bandwidth costs, latency, and security concerns associated with transmitting all of that data to centralized data processing sites, enterprises are shifting to a distributed data center topology that includes regional edge and local edge data centers.

Processing data as close as possible to where it is created can deliver immediate business benefits, but enterprises face challenges when confronted with the reality of quickly standing up multiple data centers at scale.

The ideal solution to this problem is the modular data center. Prefabricated modular data centers provide exceptional value for organizations looking to implement an edge computing strategy. Benefits include:

All-in-One Modular Data Center solution can be installed in a metropolitan space.

Speed

Modular data centers can be built in parallel with site preparation, which speeds up the installation process.

Quality

Modular data centers are built with consistent factory-controlled processes and are fully tested prior to delivery.

Manageability

Standardized design means that with predictable performance, customers can easily manage and monitor multiple data center locations.

Cost

Modular data centers are prefabricated, which enables lower costs for labor and materials, as well as lower engineering costs.
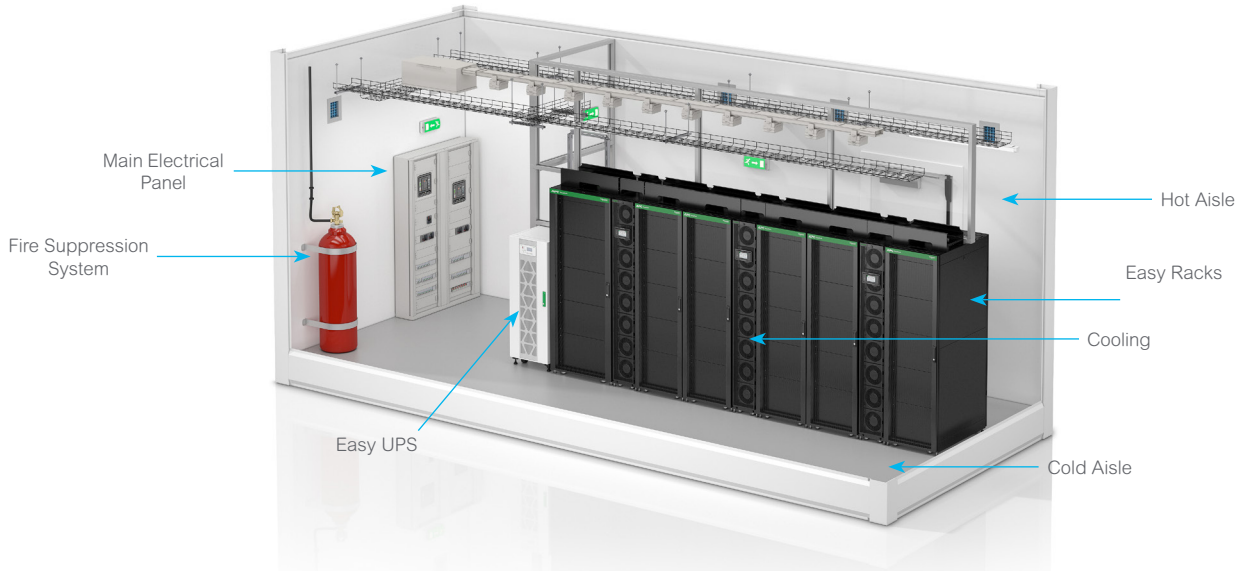
Future proofing

Since the modular concept is designed for easy expansion, organizations can right-size their initial purchase, rather than overbuilding in order to account for anticipated future growth.

Schneider Electric is taking the modular concept to the next level with its new line of Easy Modular Data Center All-in-One solutions. Customers can choose between four standard designs and take advantage of the speed and cost savings from an industry leading company.

Pre-engineered solutions designed for your needs

Main Electrical Panel

Fire Suppression System

Easy UPS

Hot Aisle

Easy Racks

Cooling

Cold Aisle

By combining power, cooling, and IT infrastructure into one solution, Schneider now makes it easier than ever to order a modular data center with its new line of All-in-Ones. With these new pre-engineered base designs, Schneider is able to streamline the process, eliminate the upfront engineering and design work, and deliver a quality finished solution.

20' ISO Container

40' ISO Container

25' Module

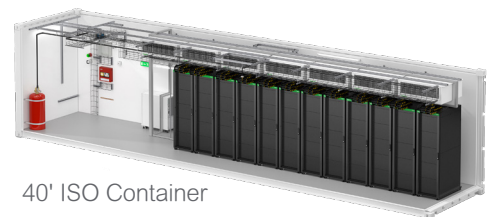45' Module

Choose from four standard base designs

- **Power** options can range from 20 - 100kW
- **Rack** options can range from 4 - 14 racks
- **Form factor** can range from 20' - 45'

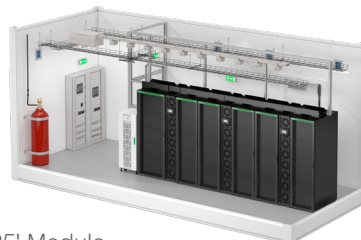## Easy Modular Data Center All-in-Ones Include:

- Integrated Easy Racks, Easy UPS, Easy PDU, electrical panel and cooling
- Cooling options include overhead and InRow DX
- Additional options such as redundant UPS and redundant electrical panels are available
- Cloud-based management and monitoring

Edge-ready for your application

Schneider Electric's Easy Modular Data Center All-in-Ones are targeted at organizations looking to deploy edge computing solutions across a variety of industry segments — including healthcare, education, logistics, industrial, manufacturing, and oil and gas.

In addition, telco, IT solution providers, and content delivery network providers are taking advantage of the short delivery time, optimized price, security, and management offered by the Easy Modular Data Center product line.

Small and medium enterprises, industrial, healthcare, education

Challenges	Easy Modular Data Center All-in-One benefits
Lack of space	Replaces the need for constructing new building or room
Limited existing space for data center	Repurposes valuable space for core business functions
Buy vs. build financial pressure	Assessment services and tools to help make decision between build vs. buy
Need to deploy quickly	Reduced production time

Communication service providers, telcos, and regional edge

Challenges	Easy Modular Data Center All-in-One benefits
Grow data center capacity quickly	Ability to deploy power, cooling and IT infrastructure in large, scalable increments
Minimize CapEx through scalability	Realize revenue sooner
Flexibility to design data center space per customer needs	Ability to pick and choose data center size and power capacity
Ability to adjust to demand without oversizing infrastructure, while reducing risk	Scale easily as demand increases

Why Schneider Electric?

Building a modular data center is more than just integrating components off site. The process entails complex design and engineering expertise. It requires functional building blocks consisting of cooling, power, and IT that are purpose built for easy integration, installation, and management. And it requires factory integration and testing.

Schneider Electric is able to manufacture 95% of the components in a modular data center in house, so it can maintain quality control throughout the process.

With Schneider Electric's Easy Modular Data Center All-in-One, customers can benefit from:

- Quick deployment

- Predictable costs

- Quality performance

- Remote management capability

- Availability in most geographies

For companies or service providers rolling out edge data centers, Schneider Electric is able to offer four standard designs ranging from 5-14 racks, featuring 27-94kW of power, and various redundancy options.

Modular data center installation for grocery retail and delivery business.
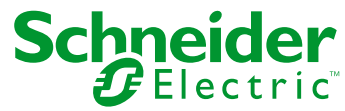

Schneider Electric modular data center installed at Animal Logic Animation Studio in Sydney, Australia.

Ready to discover how Schneider's Easy Modular Data Center All-in-Ones can help meet your organization's needs? Contact a local sales representative or explore the modular data center site to review solutions that will work best for your organization.

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