



# Schneider Electric EcoStruxure™ Modular Data Centers

Reduce complexity, improve predictability, and deploy data center infrastructure at the speed of light

## Applications

- **Service Providers and Internet Giants**  
Take advantage of speed and scalability in multi-megawatt implementations to grow as needed with customer demand.
- **Small and Medium Enterprises**  
Mitigate space and capacity constraints. Deploy faster with less complexity and construction cost overruns.
- **Industrial, Government, Manufacturing and Emerging Economies**  
Address the growing need for localized processing capability in harsh environments or in facilities not designed to support a data center.

## Benefits

- **Predictable Performance**  
Prefabricated Modules are implemented as designed, and are configured and tested in the factory prior to shipment.
- **Faster Deployment**  
Prefabricated Modules simplify the planning, construction, and implementation, reducing the total time from concept to commissioning.
- **Scalability**  
Prefabrication gives you the flexibility to scale your data center growth at a more granular level, resulting in less oversizing and lowering up-front expenditures.

[schneider-electric.com/prefab](https://schneider-electric.com/prefab)

Life Is On

**Schneider**  
Electric

# Schneider Electric Modular Portfolio

## Modular All-In-Ones

- Self-contained modular data centers complete with UPS, power distribution, cooling, racks, security and EcoStruxure monitoring
- 5-24 racks @5-15kW per rack in ISO containers or purpose-built modules



## Modular Data Halls

- Multi-module solutions for larger, scalable deployments
- Prefabricated off-site and assembled on-site to form a contiguous space, 200-800 sqm
- 50 – 200+ racks @ 5-15kW per rack
- Chilled Water and Air Economizer cooling options



## Modular Rooms

- Pre-engineered, secure, assemble-on-site rooms
- Customize size, assemble in tight spaces, make any space ready for data center infrastructure deployment.
- 100-400 sqm



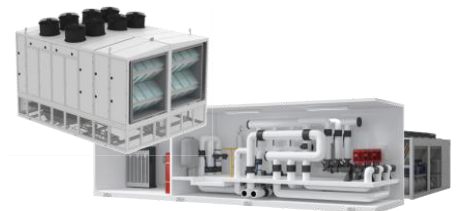
## Modular Power

- Enclosed power modules with UPS, switchboards, fire suppression, monitoring, and security
- Power skids for large, indoor deployments
- 250kW-2MW



## Modular Cooling

- Hydronics Modules – Prefabricated modules and skids with pumps, drives, valves, and controls for Tier II and Tier III designs
- Complete portfolio of chillers with optional free cooling
- Indirect and direct air economizer, chilled water, and direct expansion solutions



## EcoStruxure Architecture

- Modular solutions are pre-integrated with connected power and cooling infrastructure
- EcoStruxure monitoring hardware and software come pre-configured for real-time management of the modules
- Easily upgrade for in-depth, operational control, remote monitoring, and preventive maintenance services

Remote Monitoring and Services

Real-time local monitoring and management

Integrated connected products



Life Is On

**Schneider**  
Electric