

Schneider Electric EcoStruxure-ready Prefabricated Data Center Modules



Simplify your data center infrastructure with EcoStruxure-ready [Prefabricated Modular solutions](#)

Applications

- **Large Enterprises and 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** use Prefabricated Data Center Systems to mitigate space and capacity constraints, for quick deployment, and are capital-optimizing solutions to meet ever-changing needs. Some examples of industries in this space include Healthcare and Education.
- **Industrial, Government, Manufacturing and Emerging Economies** are able to leverage rugged durability, ease of transport, and compact footprint of containerized systems to bring processing capability closer to the user.

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.

Prefabricated and Modular Solutions

IT Modules

- SmartShelter Module – maximize space and aesthetics, available in all-in-one, single and dual configurations
- SmartShelter Container – easy international transport, ruggedized applications
- SmartShelter Data Hall – multi-bay configurations for large-scale implementation of IT whitespace

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Power

- Enclosed power modules with UPS, switchboards, fire suppression, monitoring and security
- Power skids for large, indoor deployments
- Capacities range from 250kW-1200kW

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Cooling

- Chiller Plant Skids and Enclosures – pumps, drives, valves, and controls for Tier II and Tier III designs
- Complete portfolio of chillers with and without free cooling options
- Indirect and direct air economizer, chilled water and direct expansion solutions optimized for prefabricated modules

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Why Schneider Electric?

1. **Experience** – Over 17 years of experience and 650 installations worldwide
2. **Broad offer of Prefabricated Modules** – More than 25 different customizable base designs
3. **Global capabilities with local support** – Global supply chain with experts in region to support applications and engineering
4. **StruxureWare for Data Centers** – Modules fully instrumented and compatible with Schneider's DCIM software suite
5. **Library of Reference Designs** – Pre-engineered prefabricated reference designs in a range of sizes and tier levels