Schneider Electric Prefabricated Data Center Modules

Power **IT** **Cooling**
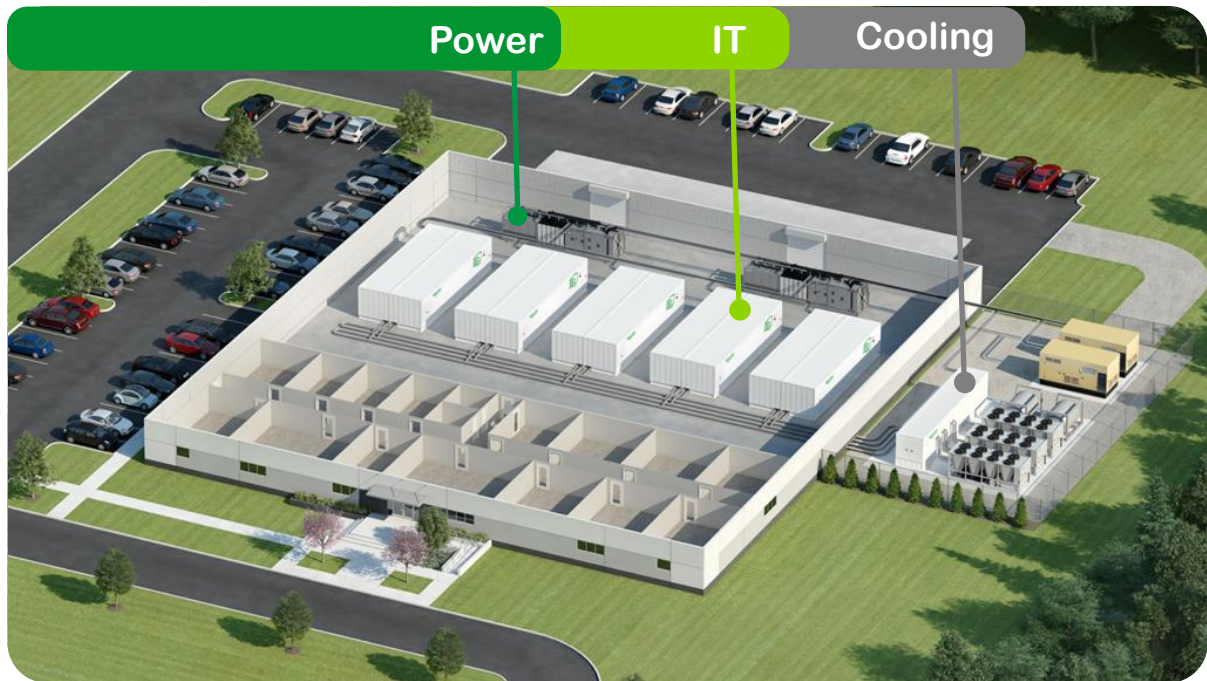
Simplify your data center infrastructure with Prefabricated Modules

Why go Prefabricated?

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, minimizing oversizing and up-front expenditures.

Why Schneider Electric?

1. Experience - Combine Schneider Electric's data center expertise with AST Modular's Prefabrication experience

2. Broad offering of Prefabricated Modules - Over 15 different customizable base designs

3. Global capabilities with local support – Global supply chain with experts in your region to support with applications and engineering

4. StuxureWare for Data Centers – Modules are 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

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Prefabricated and Modular Solutions

IT Modules

- Available in All-in-One, Single, Dual, and Multi-Bay Configurations
- Containerized Modules – easy international transport, ruggedized applications
- Purpose-Built Modules for maximum space and aesthetics
- Modular Rooms – field-assembled, combine benefits of modularity and traditional IT space

Power

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

Cooling

- Hydronics Modules – 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

Design and Management

- Library of 14 engineered reference designs, 500kW, 1 MW, 2MW deployment sizes
- Meets Uptime Tier II and III Requirements
- StructureWare DCIM software simplifies a scalable data center making it easy to add modules, view performance, and manage capacity

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