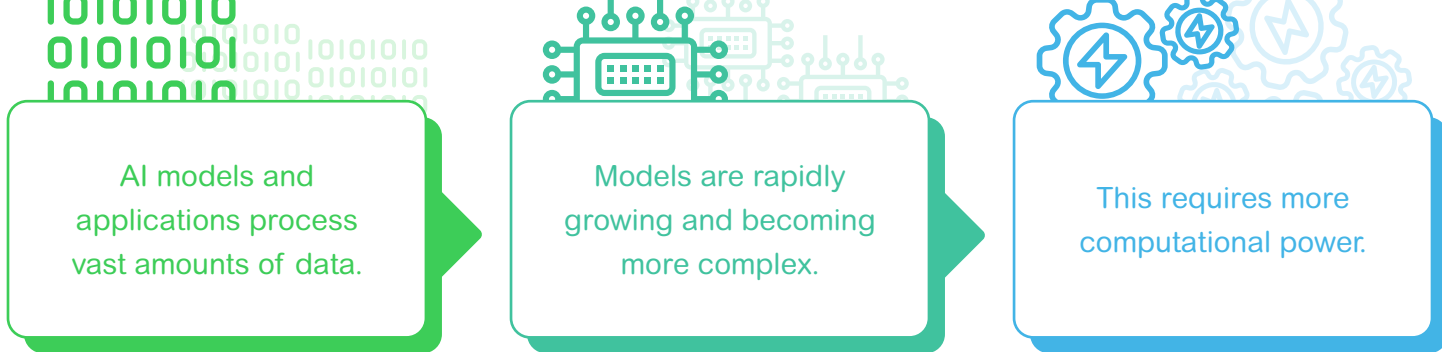


# Don't let a lack of power and cooling stall your AI implementation

## Empowering NVIDIA AI Solutions

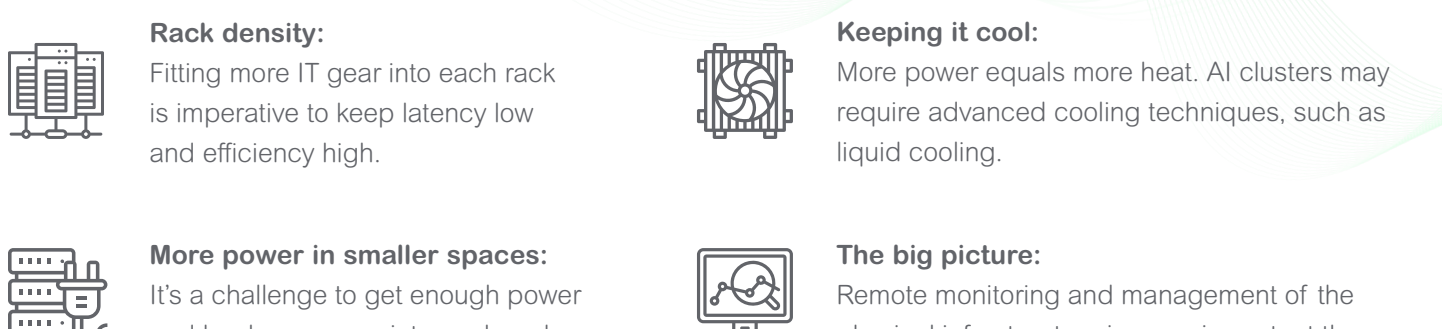
Schneider Electric: Your partner in power, cooling, and infrastructure management

### The demand for AI is skyrocketing.



\*Source: Schneider Electric White Paper 110, "The AI Disruption: Challenges and Guidance for Data Center Design."

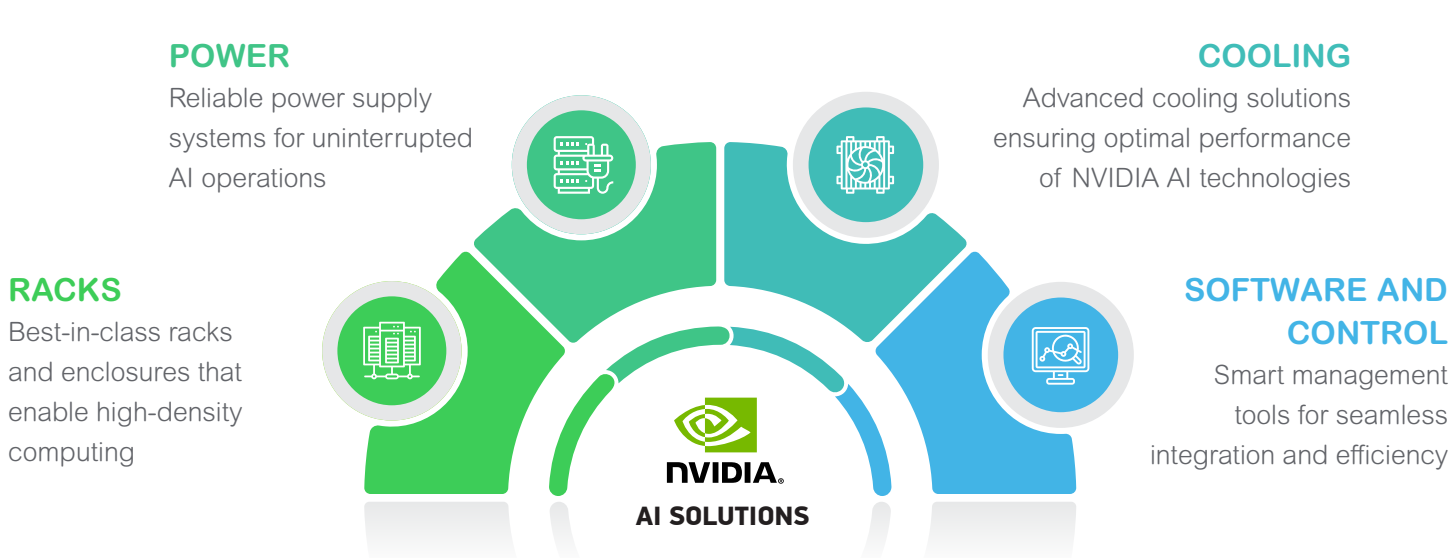
### What challenges does this bring?



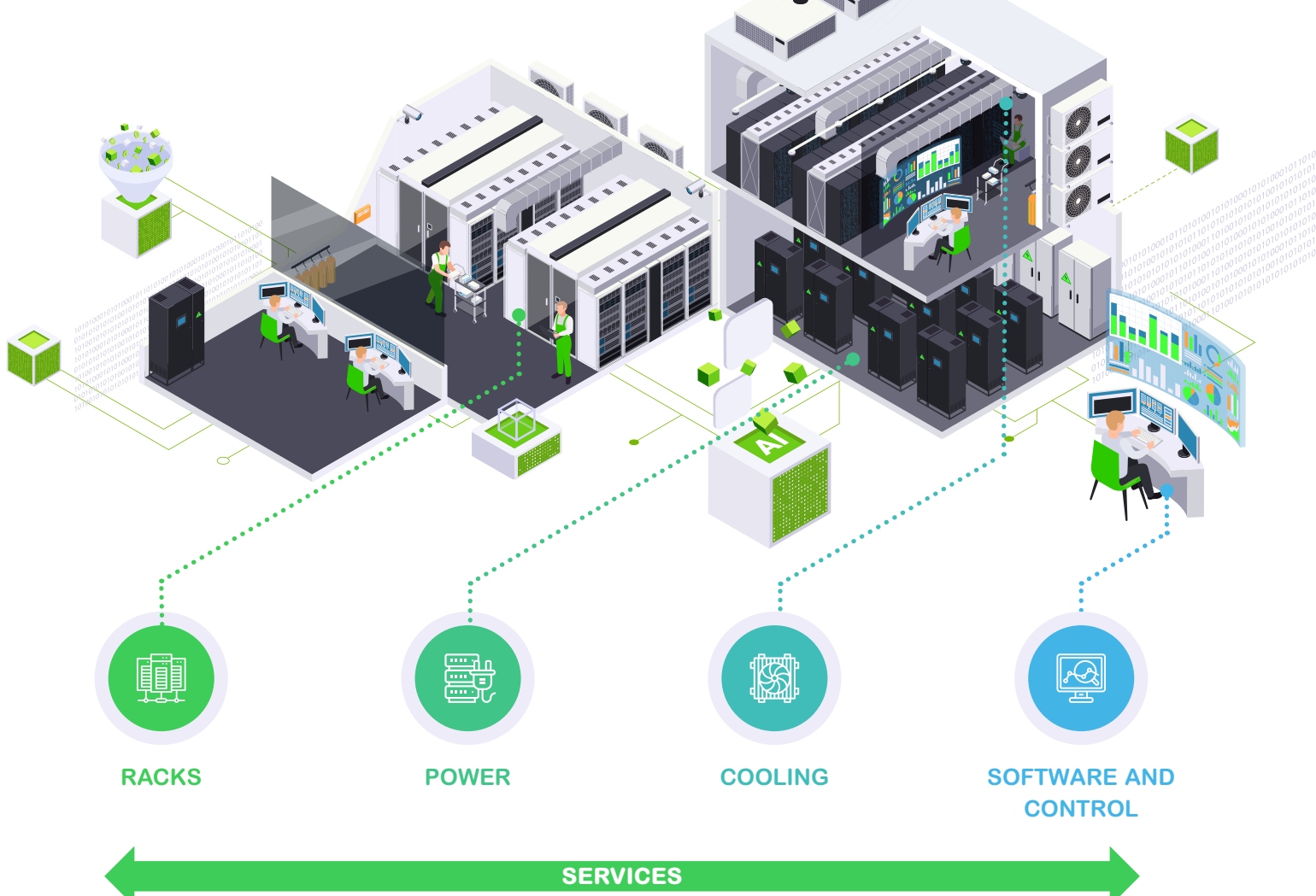
### The verdict? Basic data center infrastructure just won't cut it.

IT professionals must consider the advanced power and cooling needs of AI workloads before designing and building an AI solution.

### Schneider Electric supports NVIDIA AI solutions with the infrastructure you need.



### AI data center solutions from Schneider Electric



#### Success story: Driving energy resource efficiency and savings with actionable data

##### Customer challenge:

To efficiently manage its resources and stay ahead in a competitive market, Blackstone required actionable energy and sustainability data across all operations.

##### Solution:

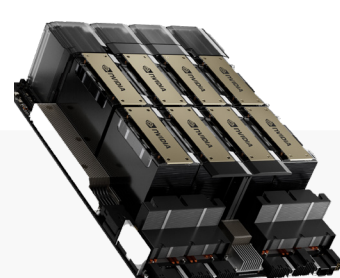
One of the world's largest private equity firms, Blackstone worked with Schneider Electric to build an aggressive energy-management and sustainability strategy. Powered by NVIDIA's HGX™ 100, which is three times faster than the previous model, the customer upgraded to a higher-voltage power distribution system to support enhanced rack PDUs. They now use EcoStruxure™ Resource Advisor to capture and normalize energy and utility data. Experts from Schneider Electric's Energy & Sustainability Services help interpret the data and pinpoint opportunities for efficiency improvements. With this data, Blackstone can better negotiate utility and other contracts, enabling them to get the right energy source at the lowest possible rate.

##### Results:

Active energy management programs are now in place at 20+ portfolio companies, driving tens of millions in energy savings.



NVIDIA is a pioneer in accelerated computing — and a world leader in energy-efficient AI solutions.



[Learn more](#)

#### Advanced computing tasks demand tightly linked GPU clusters with optimized software support. The HGX 100 is up to the challenge by providing:

- 30x faster and 3x more energy efficient at LLM inference than its predecessor
- 3x lower TCO and requires 5x fewer server nodes
- 20x more energy efficient than CPUs for HPC and AI workloads

### Schneider solutions to empower your AI data center



#### RACKS

- **Quality built racks** that come in large sizes and load capacities to accommodate high-density AI servers
- **60 AMP Rack PDUs** to get more power into each rack, with higher AMPs planned for the future
- **Coming soon: Rack manifolds** to easily connect servers to cooling systems



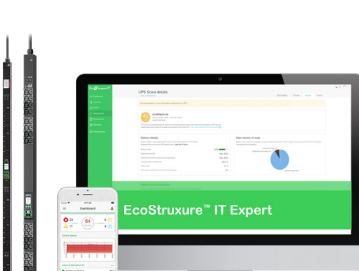
#### POWER

- **UPS systems that can support 20–30kW** to ensure your IT equipment is always up, always running
- **50–100kW UPS** systems planned for the future
- **415 volts** often needed



#### COOLING

- Expertise and all required components to deploy the right **air or liquid cooling system** for your AI clusters, including:
  - Aisle and rack containment
  - Close-coupled cooling
  - Liquid cooling support like CDUs



#### SOFTWARE AND CONTROL

- **EcoStruxure platform** for monitoring and control — so you can optimize power utilization, get alerts to potential problems, and more
- **A full suite of DCIM solutions** for planning, modeling (including digital twin), and managing your data center operations.

Learn more on how we help businesses realize their AI-related goals.

[Learn more](#)

### Questions? Contact your National Account Team

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- **Maggie Dennis:** Presidio Inside National Account Manager/Schneider Electric