

At the heart of this evolution lies power shelf innovation, enabling 80kW+ rack power densities in data halls optimized for GPUs.

Learn how kW per rack impacts colocation pricing, energy efficiency, and performance. Discover best practices to manage power, reduce costs, and future-proof your IT infrastructure.

Today, even though the sophistication and criticality of the data center has soared, some may still assume that because a rack enclosure isn't electronic, it's a modest piece of furniture.

One of the most critical aspects of this design is area sizing per rack, which directly impacts efficiency, scalability, cooling performance, and operational safety.

Our new Data Rack Busway is the perfect solution for any scalable and flexible data center environment. The busway is especially optimized to perform in white space infrastructure applications.

The rise of generative AI is transforming traditional data centers into AI factories, requiring a fundamental shift in power infrastructure to support the scale and power demands of modern AI ...

My team is looking at liquid cooling for higher power racks - up to 80KW. We've learnt a lot of the options when it comes to how to cool the racks. But what we're missing, is the required impact to the rack for ...

SmartRack™; Modular Data Centers are composed of IT rack, cooling and service enclosures that together form a performance optimized data center, or POD. This innovative design enables easy ...

The 800 VDC sidecar is the first solution on the way to 1 MW IT racks but it won't be the only solution. We plan to continuously innovate power distribution and back-up solutions to drive ...

It starts with the right racks and cabinets. We designed the Enconnex InfiniRack cabinet with great load ratings to accommodate growing power density. It is engineered to maximize internal ...

Web: <https://www.scmindustries.co.za>