



Rittal RimatriX5 - the blueprint for the modern data center

The RimatriX5 concept includes Server Racks & Enclosures, Power Distribution, Cooling, Security, and Remote Monitoring/Management, which employ industry-leading technologies that have been proven in data centers around the world.

Specializing in meeting the demands of the modern, high density data environment, the RimatriX5 line of products deliver award-winning performance while remaining flexible, intuitive, and completely scalable to suit all of your IT infrastructure needs. Because the RimatriX5 concept is based on Rittal's decades of experience in modular design, your data center is free to grow as you do.

Rittal & RimatriX5 – with you every step of the way.

This data center design layout contains:

- 6 open racks for patch panels and 4 ventilated racks for networking gear
- 4 x 60kW, N+1 redundant modular UPS systems – 240kW total capacity
- 8 x liquid cooling packages - 70 tons (240kW) capacity, N+1 redundant per row
- Modular cooling distribution system, quick couplings, flexible stainless steel lines
- 6 x high density server racks, 30kW average per rack, 180kW total load
- Approximately 450 watts/square foot
- 252U for patching available
- 168U for networking gear
- 252U for high density servers

Layout and piping designs are one of the many services that Rittal's RimatriX5 group can offer

Rittal — Rethinking The Data Center

Want to learn more about Rittal's data center services and RimatriX5 products? Visit www.rittal-corp.com/it to see how Rittal can help turn your vision into reality.

Learn More About Rittal IT Products

Rittal offers a full line of IT racks and accessories – go to www.rittal-corp.com/literature to order or download these publications:

 <p>RimatriX5 IT Solutions Catalog</p> <p>IT racks, cooling, monitoring & security, and power for the modern data center.</p>	 <p>RimatriX Modular UPS Brochure</p> <p>Backup power for high density applications.</p>	 <p>RiLAN</p> <p>Industrial networking cabinets for plant floor installations.</p>
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Enhance Your Industry Knowledge

Increase your understanding of current industry trends and the latest technical issues – visit www.rittal-corp.com/whitepapers to view:

 <p>White Paper 503: High Density Cooling - A Costs & Benefits Review</p>	 <p>White Paper 502: High Density Cooling - The Case for Liquid Cooling</p>
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Connect with the Experts

You can contact Rittal in the United States

- By phone: 1-800-477-4000
- On the Internet: www.rittal-corp.com or rittal@rittal-corp.com
- By Fax: 937-390-5599

You can contact Rittal in Canada

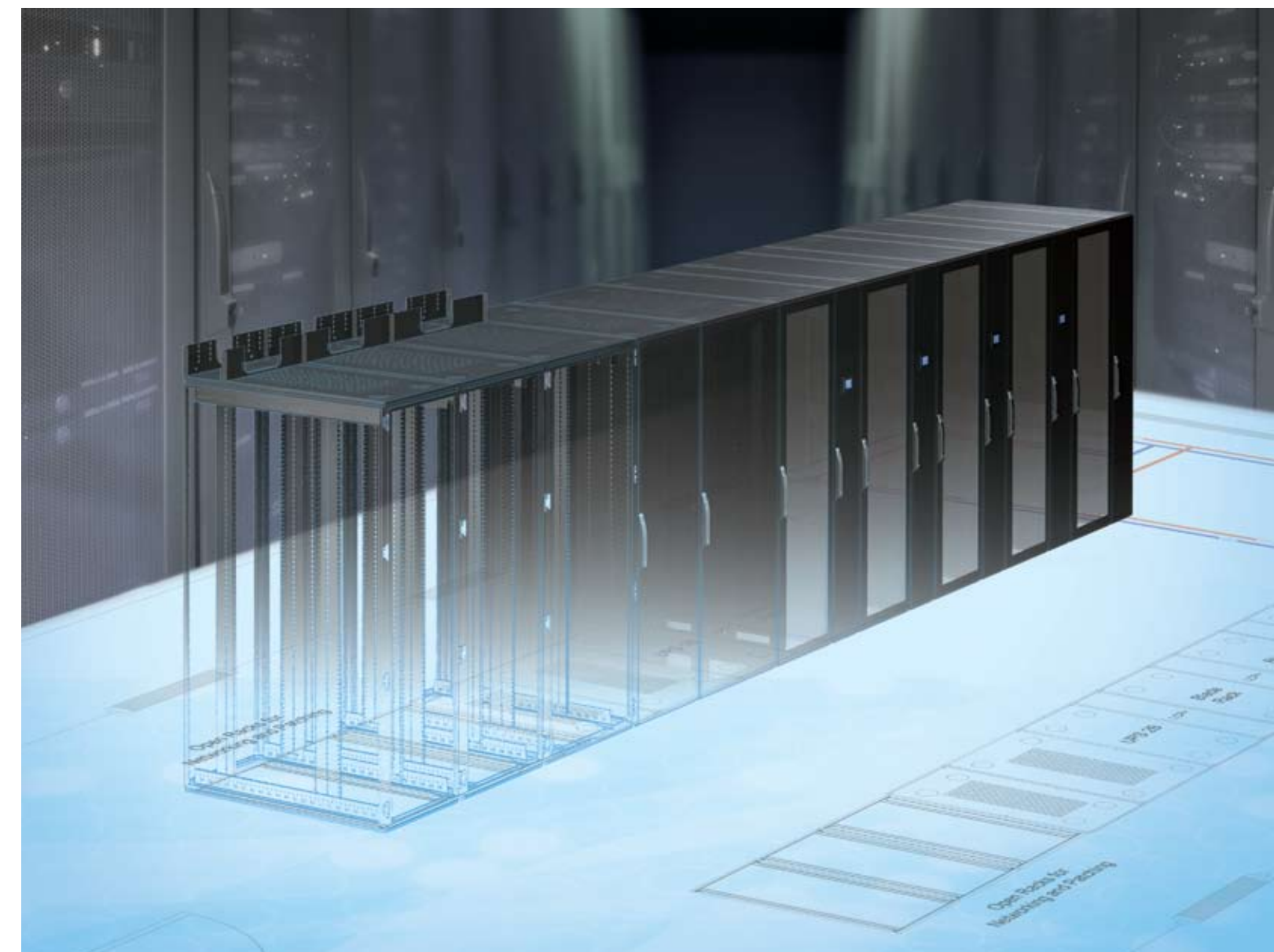
- By phone: 1-800-399-0748
- On the Internet: www.rittal.ca or marketing@rittal.ca
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Rittal – Rethinking The Data Center



Turn your vision into reality



Rittal — Align yourself with the data center experts

In-house engineers, on-site consultation, global presence — Rittal has you covered

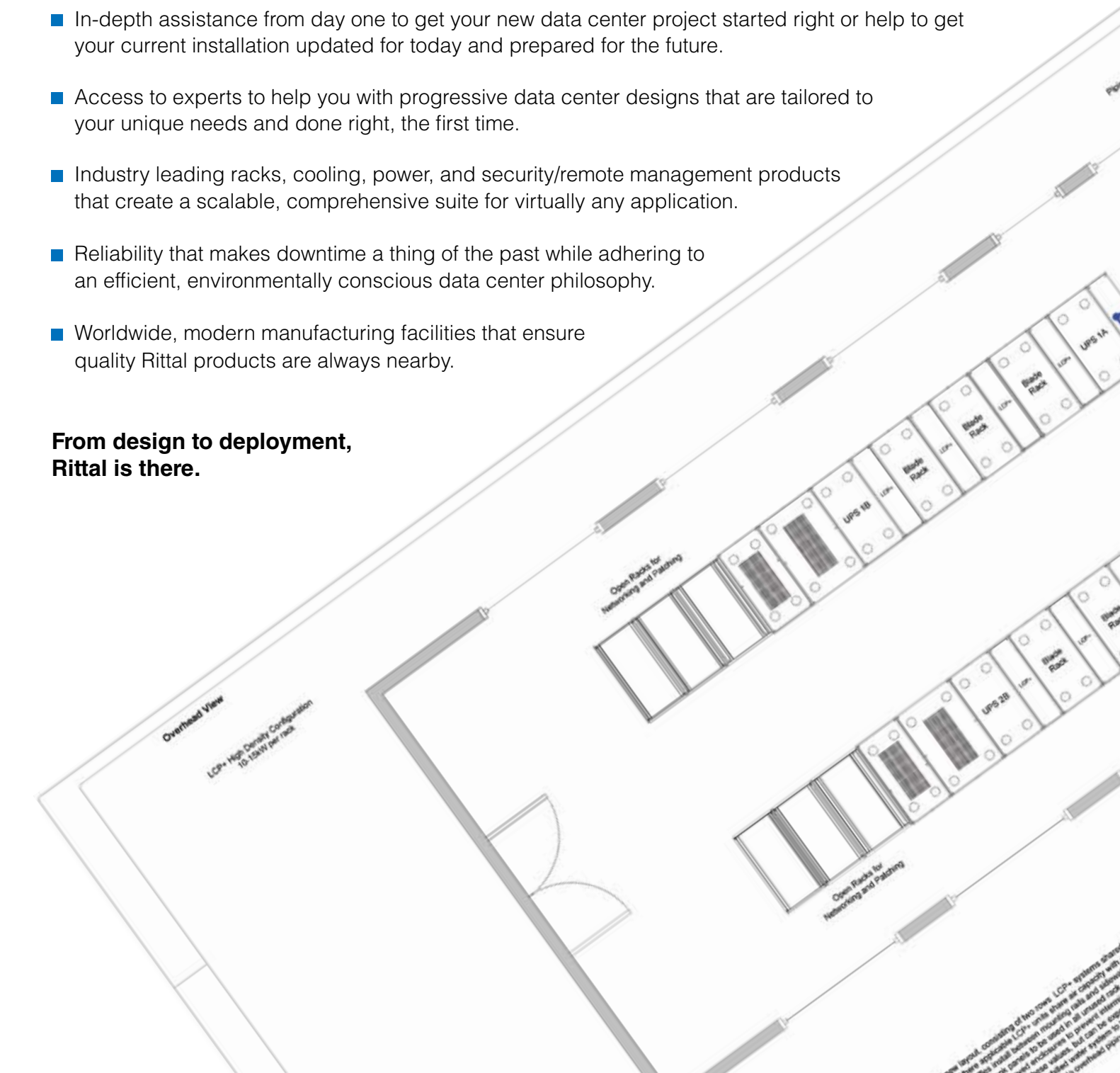
Experience, advice and products you can trust

Whether in small businesses or major enterprises, the demands placed on data centers are unrelenting. In today's mission-critical environments, no one can offer the expertise to design, manufacture, protect and deploy your vital IT infrastructure equipment like Rittal. As the world's leader in enclosure and IT solutions, Rittal continuously delivers innovative, reliable products that ensure high-performance information technology – all with the experience and know-how to guide you every step of the way.

Rittal's RimatriX5 data center design group has the expertise to give you:

- In-depth assistance from day one to get your new data center project started right or help to get your current installation updated for today and prepared for the future.
- Access to experts to help you with progressive data center designs that are tailored to your unique needs and done right, the first time.
- Industry leading racks, cooling, power, and security/remote management products that create a scalable, comprehensive suite for virtually any application.
- Reliability that makes downtime a thing of the past while adhering to an efficient, environmentally conscious data center philosophy.
- Worldwide, modern manufacturing facilities that ensure quality Rittal products are always nearby.

From design to deployment, Rittal is there.



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Racks, cooling, power, security/remote management, and much more

Accessories

Rittal offers a full range of accessories including tool-less shelves, overhead trays and related cable management provisions, power distribution strips, baffle systems (to make side breathing equipment conform to hot aisle/cold aisle configurations) and much more.

Monitoring and security

Log rack conditions and manage access in real time – locally or over the internet.

Door options

Rittal can provide solid, perforated, viewing window, and split doors for both the front and rear of the rack.

High density cooling products

Safely bring chilled water into the data room to provide localized cool air at the rack level for more effective and efficient heat management. Rittal liquid cooling products provide 35 kW of cooling while using significantly less energy than conventional systems – reducing utility costs and your impact on the environment.

UPS

The Rittal RimatriX Modular UPS provides up to 60 kW N+1 of redundant backup power in a single 19" rack enclosure by combining 12 kW modules. Each 12 kW unit uses only 6U of standard rack space (including batteries), while dissipating one-third less heat than alternative systems.

Coolant distribution unit

Provides centralized coolant distribution to the liquid cooling products for convenient and efficient system management in a small footprint.

Racks

TS8 server racks and network cabinets are built around a patented roll formed frame system with impressive load bearing capacities and provisions for easy suiting.



RittalXpress – high performance, shipped in just 1 or 3 days

Get the data center products you need in a snap with RittalXpress – the quick-ship program featuring many products and accessories from the RimatriX5 family. You can count on the world's leading rack manufacturer to get you the rack you need, when you need it.

To decide which program is right for your needs, contact Rittal at 1-800-477-4000.

