

Rittal helped DataInfo Solutions equip state-of-the-art center for hosted services

RimatriX5's five modules scale with increased demand

DataInfo Solutions in Lappeenranta in South Eastern Finland inaugurated in September a new purpose-built area that accommodates it-equipment that serve the company's hosting clients. One key element is the comprehensive RimatriX5-solution by Rittal. It consists of five separate, yet fully integrated modules: rack, power supply, cooling, security and monitoring together with remote management. Comprehensive service is part of the concept.

"We needed a solution that scales up with higher production volumes. This also made the relatively modest initial investment possible. With RimatriX5 we can add modules when needed, and it allows us to multiply capacity later", says Mikko Koljander, technical director for DataInfo Lappeenranta.

The three-phase genuinely modular power supply unit in RimatriX5 guarantees an uninterrupted and disturbance-free power supply. Power supply and transmission into the server enclosures are designed for flexibility so that expansions can be made in run-time without disrupting active operations, which is another operative costs saving factor. All parts of UPS modules are redundant. Batteries give a warning early on about running out of power, which allows for managed shutdowns of critical systems.



"Another key vendor selection factor was that Rittal was able to provide all the required elements and they took responsibility for the installation as the lead contractor."

Server farms create much heat so cooling systems are an essential feature. The server enclosures managed by DataInfo Solutions Lappeenranta are climate-controlled with a circuit water cooling system. These precision liquid cooling systems have a higher utility rate than traditional air conditioners that cool the entire room.

"Because our staff works in the area, it is a more pleasant option that the whole room is not chilled but remains at a regular temperature while cooling measures are targeted at server enclosures. For reasons of optimal work conditions, it is also important that the noise level of RimatriX5 cooling system is low", says Mikko Koljander.

Components: Rack, LCP, UPS, CMC-TC