

Guaranteed security for the Municipality of Vignate

With the all-in-one solution – RimatriX5 by Rittal – the server room at the Town Hall has gained reliability, protection and high performance

"We chose Rittal because their products were able to meet our needs." These were the words of Emilio Vergani, mayor of Vignate, a town to the east of Milan. Vergani is 56 and a native of the town. He is the technical director of a company producing software for banks, and at the helm of the "Civil List" entitled "Together for Vignate".

The Town Hall is located in a pedestrian area in the centre of the town, and has a server room containing the town's strategic computer assets, including the email system, the public services, the administrative and financial applications and the CCTV surveillance system.

Following a fire in 2005 which started in the server room and was caused by a short-circuit in an air-conditioning unit, the administration decided to look for a solution which would include temperature control and possess self-extinguishing functionality. "We researched the market carefully, and I was personally involved in that search," Vergani states. "We chose Rittal because their products were able to meet our needs, both in terms of technical requirements, and because of the guarantee they offered of high performance and reliability. That is why we bought RimatriX5 ALL-IN-ONE, a complete product which fully satisfies all our requirements."

RimatriX5 is the ALL-IN-ONE solution which meets all the requirements of a modern data centre. The entire structure is housed within a rack system with a transparent front door, fitted with safety glass panel, aluminium frame and Comfort handle. Power input and distribution are based on the Power System Module (PSM) with a single-phase UPS module. Internal temperature, humidity and cooling variables such as airflow rate, pressure and direction of flow in relation to heat dissipation are regulated by air-conditioners from the TopTherm range, which are able to guarantee maximum efficiency.

The Computer Multi Control (CMC-TC) device, armed with its special sensors, is capable of reporting an outbreak of fire, and the installed self-extinguishing unit is able to suppress it at source by releasing an inert gas which inhibits combustion. Finally, RimatriX5 technology enables management and monitoring to be performed remotely. In addition to this, during the installation of RimatriX5 in Vignate Town Hall, old servers were replaced with new ones of blade type.

"After a year, we are well-satisfied with this investment," Dr. Vergani continues. "The server hall environment is now protected, because it is equipped with a cutting-edge rack system with combination locking, air conditioning, hermetic closure to isolate it from dust, and self-extinguishing capability. Even maintenance has always been efficient."

The investment in technology will continue with the development of the videosurveillance system: the municipal territory is already guarded by a number of CCTV cameras to protect public buildings from acts of vandalism.

Components: Rack, UPS, PSM, CMC-TC

