

Case Study: Newave keeps RSI on air with modular UPS



Client:

- **Sistemi Tecnici de Loterías**

Industry:

- **Entertainment Industry**

Scope:

- **Implementation of DPA**

Upgrades with three modules each in a TIER IV layout

- **Addition of 4 modules to meet further business growth**

More than 1000 employees working at RSI (Radiotelevisione svizzera di lingua Italiana) produce or transit radio and TV programmes for the Italian speaking region in Switzerland. Alleviating the concern over power outages is paramount to television stations. Ensuring power stability and best-in-class back-up power technology is a top priority for any IT facility Manager of these critical applications.

RSI selected Newave's Uninterruptible Power Supplies to replace outdated stock at their production centre in Lugano, Switzerland. When assessing which UPS supplier was best qualified to fulfill the brief, the decision was not an easy one but Newave presented significant advantages, due to its true modular concept based on the Decentralised Parallel Architecture (DPA) technology and its small footprint with the flexibility to grow.

RSI's IT infrastructure is now equipped with two Concept-power DPA cabinets, each fitted with four 50 kVA modules, to provide 200kVA plus one spare way for future upgrade to 250kVA capacity. Two matching battery cabinets support the

UPS cabinets for 10 minutes at full load. Installation and commissioning of the power protection systems went smoothly. It has been done in seven different steps due to the load migrations from the old UPS infrastructure to the DPA system.

“The modularity of Newave's products allow me to buy today what I need today, but with the flexibility for tomorrow”

Due to changing infrastructure requirements over time the UPS configuration had to be adapted and RSI has decided to split the capacity in two distinctive parts per cabinet. Thanks to the modular concept of Conceptpower DPA the new configuration could have been realised with ease and without additional investments.

Furthermore, RSI has negotiated a comprehensive maintenance contract for the UPS installation. At this business-critical level RSI must have a supplier which is able to provide high levels of service and support, and in which they have complete confidence. Their experience with Newave has proven that a professional end-to-end service is ensured.

“In today's digital world, where uptime is critical, Newave is helping RSI viewers and listeners stay tuned in,” says Renzo Salmina, Regional Sales Manager at Newave. “We are committed to helping our customers ensure reliable, uninterrupted power for mission critical operations, from television stations to hospitals and data centres”.



Marco Derighetti, Manager responsible for IT Infrastructure at RSI



Figure: Conceptpower DPA installations at RSI

About Newave

Newave Energy is a leading manufacturer of uninterruptible power supply solutions that enable customers to protect their critical applications from operational losses and ensure business continuity. Innovation, quality, serviceability and environmental friendliness are key characteristics of our power protection solutions. Newave Energy has introduced modularity and transformer-less UPS-technology several years ago and these are the most important architectural trends in the UPS market today. Our mission is to help our customers from various industries to protect their critical applications efficiently and to lower environmental impact in a sustainable way. The company operates its own sales and service offices in eight countries and a worldwide network of business partners. Newave Energy continues its focus on development and manufacturing of leading power protection technology while worldwide we provide comprehensive services such as technical consultancy, maintenance and service packages. The company was established in 1993 and is headquartered in Quartino (Switzerland).

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