



Lutech Spa selected as Rai Way Prime Integrator for the roll out of the “IP Matrix” project

Cinisello Balsamo, 12 Maggio 2022 - At the outcome of the related public tender, Rai Way, leading Italian network infrastructure and services operator, has selected Lutech Spa as Prime Integrator for the roll out of the “IP Matrix” project. The aim of the project was to exploit the flexibility of a full IP Software Defined Network to design and implement a completely new C&D infrastructure, bridging the best of both legacy SDI and state of the art IP world.

The Rai Way “IP Matrix” infrastructure is currently in production.

Leveraging on its unique mix of IT/IP & A/V skills, Lutech's role in the project was to integrate best of breed Network and Broadcasting technologies as one coherent platform, managed and orchestrated by Skyline/Dataminer©, making it easy for Rai Way engineers and operators to evolve, operate and troubleshoot it.

The challenge has included a complete transformation to IP video, including SMPTE ST2110/ST2022-6/7 transport and switching over a redundant network sourced from both Cisco© and Arista© for optimum reliability.

The “IP Matrix” is in charge for treating compressed and uncompressed signals, routed over different sites strategically selected to guarantee business continuity. Services in the Matrix can be easily cross-connected, routed and protected in multiple ways by Rai Way operators, simply using an intuitive Network Orchestration GUI. Operators can also count on ultra-low-latency large facility-level management, inspection and multiviewing solution.

At the edge of the red & blue network architecture, top class Broadcasting technologies sourced by Lutech's partners Imagine Technologies© and Enensys© are used to guarantee maximum versatility, accuracy and reliability for baseband and compressed A/V signals' management.

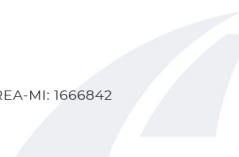
The overall solution has been deployed according to the Italian DVB network frequency re-farming and T2 switch over program, thus imposing a hard project deadline scheme.

“Lutech Spa is honoured to have been selected as the prime integrator for the Rai Way IP Video

Matrix project. This project is a significant step towards the new Broadcast Operators' full-IP, Software Defined & Orchestrated infrastructure paradigm. It also represents a quantum leap in the way such infrastructures are operated, optimizing resource utilization on one side and making it easy for operators to perform even complex management and reconfiguration activities through simplified and intuitive Graphical User Interface.”

Says Aurelio Severino, Customer Sales Executive at Lutech.

“In a context characterized by the pandemic crisis, we knew that, to be successful, we had to deliver on strict deadlines with the quality expected for this kind of projects. Matching the challenge has only been possible thanks to the fantastic team-work with both the Customer





and the incredibly strong lineup of Lutech's top class technology partners selected for the project. “

Says Alessandro Pirovano, Product Leader Telco&Media at Lutech.

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Lutech Group Profile

Lutech Group, Italian leader and European player in **ICT services and solutions**, supports the evolution of its clients by designing, implementing and managing end-to-end digital solutions, with a view towards continuous improvement which involves people and processes, technology and knowledge.

Evolution and transformation require a new way of interacting and connecting people, data and technologies. Lutech Group places at the foundation of the Digital Evolution five technological core entities designed to provide a complete and integrated offering, able to meet the manifold needs of digitization: Lutech**Solutions**, Lutech**Digital**, Lutech**Cybersecurity**, Lutech**Services and LutechCloud**.

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