

CASE HISTORY



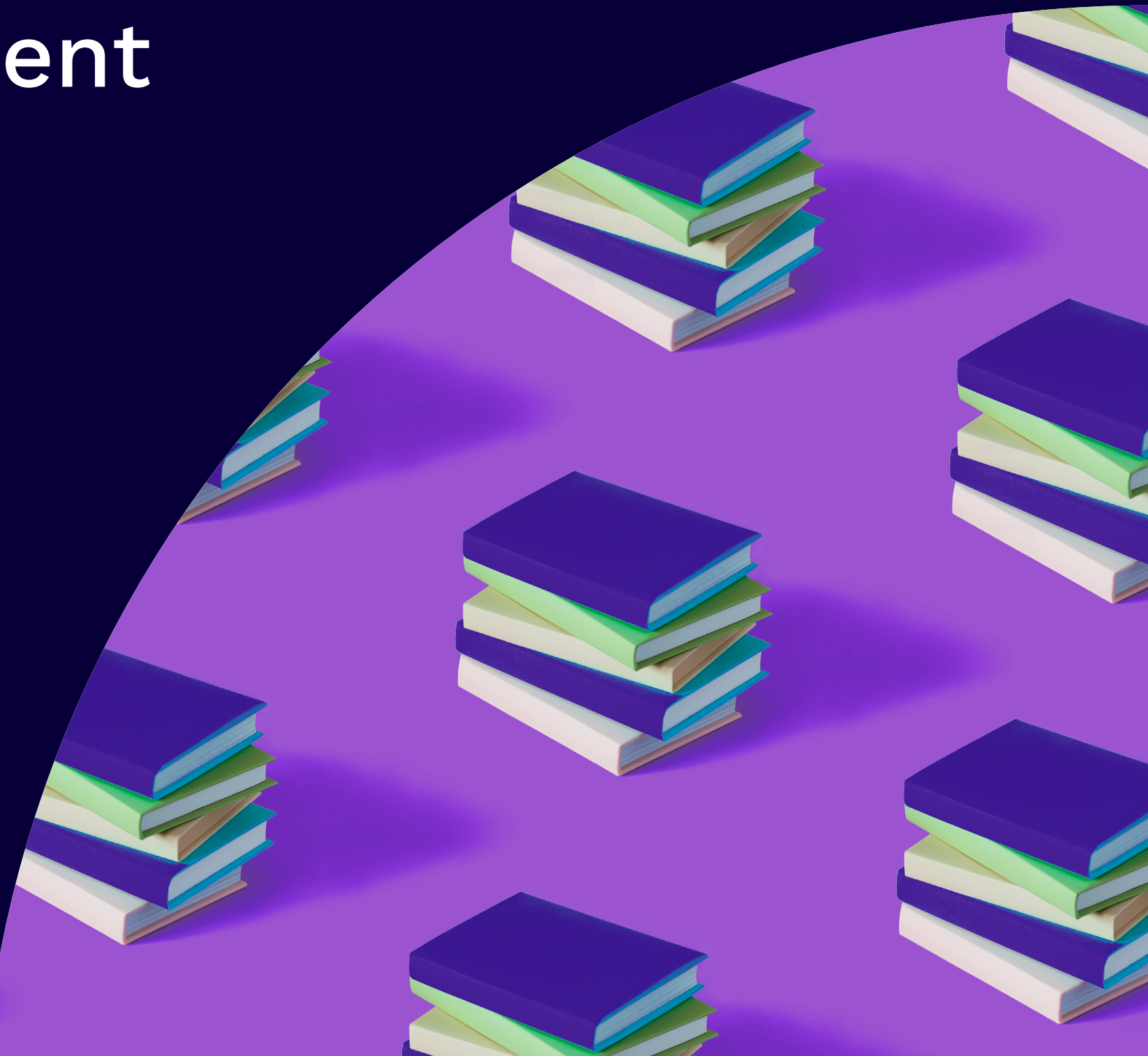
A Best Seller Private Cloud:

The success of a tailored, managed infrastructure designed for Emmelibri





The Client



Emmelibri is Italy's leading operator in third-party book distribution. Part of the Messaggerie Italiane Group, it coordinates logistics and market access for hundreds of publishers—from major groups to independent houses—moving millions of copies each year to thousands of physical and digital points of sale.

IT is an enabling function to ensure efficiency and timeliness across processes: from order management to logistics through to data processing. CDLAN is the long-term technology partner for hosting and evolving the core infrastructure.

What were
the **Client's**
primary
goals?

Renew the IT infrastructure by replacing the end-of-life on-premises environment

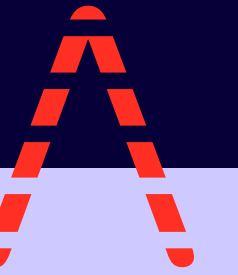
Improve performance, continuity and scalability, in line with the Client's 2023–2027 Cloud Transformation program

Reduce costs resulting from the new VMware licensing

Free the IT team from day-to-day operations to focus on higher-value activities

Ensure resilience and control at every stage of the process





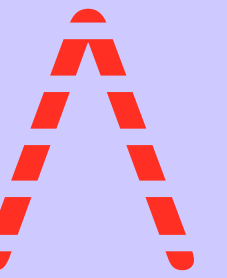
The solution

To support Emmelibri's infrastructure needs, CDLAN designed and implemented a managed Private Cloud solution hosted at its C21 Data Center (data halls DC1 and DC4).

The platform was developed to guarantee reliability, control and operational continuity, combining architectural flexibility with simplified IT governance.

This is not a standard deployment but a tailored environment capable of integrating existing workloads and supporting the ongoing evolution of the company's digital transformation plan.

The solution is built on four integrated technology and service pillars.



Scalable computer architecture

Three dedicated Linux, Windows and Oracle clusters, configured to optimize costs and performance. Windows and Linux clusters include standby hosts to ensure operational continuity without impacting VMware license costs, providing native resilience in the event of failures or load spikes.

High-performance multi-tier storage

A full-NVMe SAN with latencies below 0.9 ms, complemented by a hybrid SAN used for less-critical workloads and file sharing. The setup enables horizontal scalability, flexible management and fast data access.

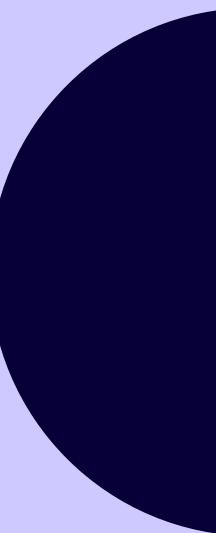
Virtualized, secure network

A VMware NSX environment configured with dynamic routing, overlay tunnels and isolation of vMotion traffic. Micro-segmentation of inter-VM flows enhances intra-data center security while optimizing overall network load stability.

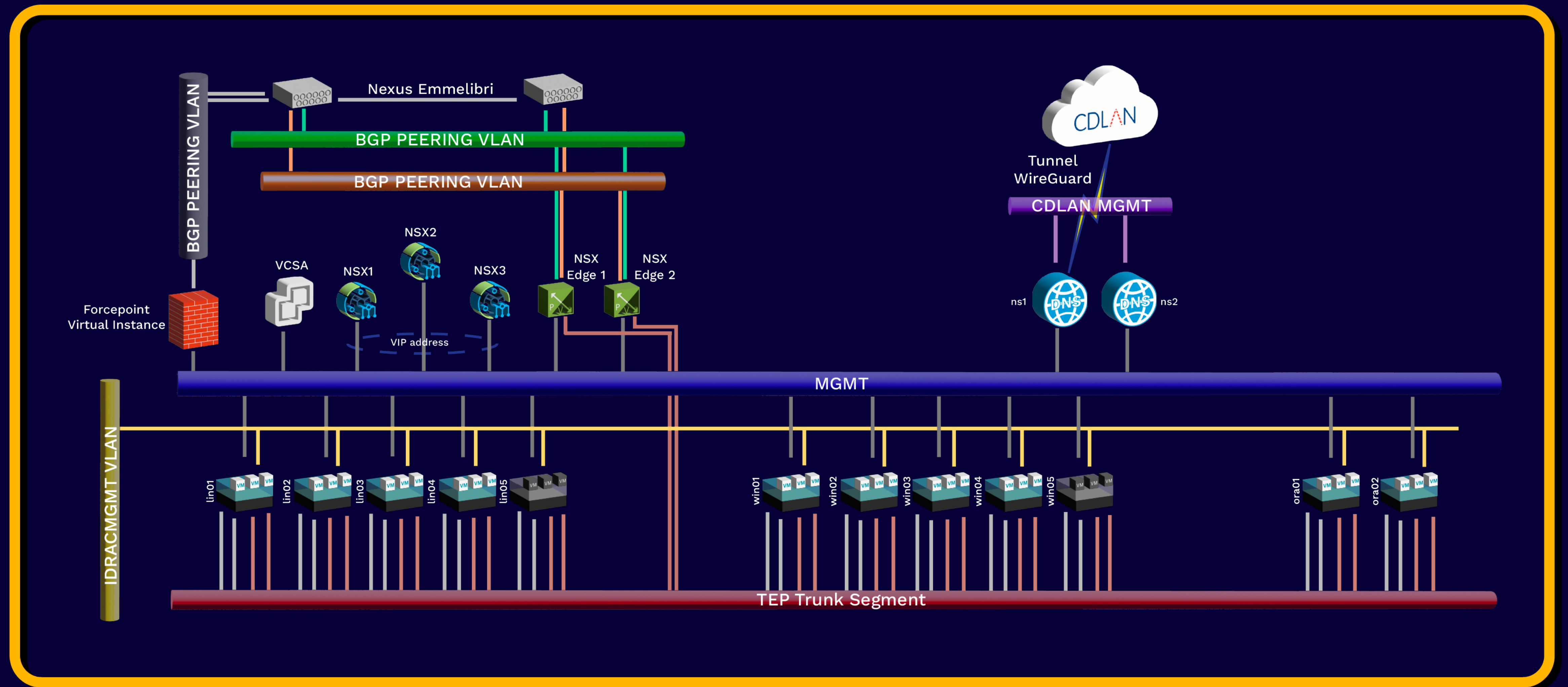
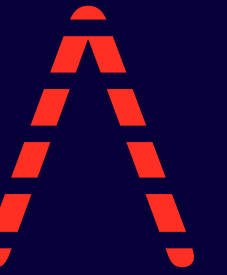
Managed services and continuous monitoring

CDLAN provides full 24/7 management of the environment with proactive monitoring and integrated LAN-free backups. The service also includes systems support and ongoing alignment on architectural decisions to ensure continuous platform evolution.

Implemented Technologies

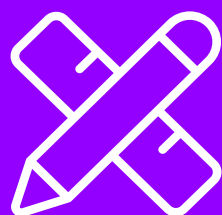


Architecture



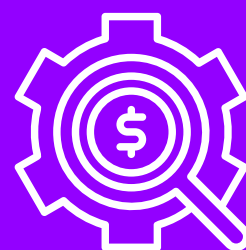


Benefits



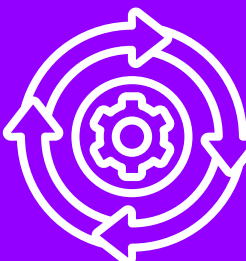
Environment tailored to the client's real needs

Cost control, including licenses and consumption



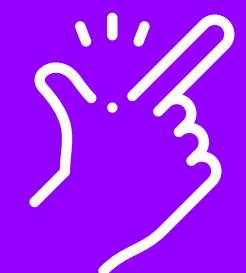
High performance, including for critical workloads (SAP)

Assured continuity thanks to resilience and advanced backup



Natural scalability aligned with the three-year transformation plan

Simplified operations with specialist CDLAN support



CDLAN

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