VALUEGROUP

A Private Cloud infrastructure designed to support business growth

CDLAN

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Project developed by CDLAN in collaboration
with ATR Telematica S.r.l., System Integrator and Project Leader

The Client

Value Group S.r.l. is a European leader in disruption management for the transportation sector, with a special focus on assisting passengers and crews in cases of cancellations, delays, or denied boardings. The company partners with airlines, railways, and ferry operators, offering an integrated technological and operational solution and positioning itself as the "all-in-one" partner to handle disruptions 24/7/365.

With coverage across more than 300 airports in Europe, its model is highly technology-driven, with strong emphasis on operational continuity and customer service. Their motto—artificial human intelligence—reflects the combination of advanced technology and human touch to deliver a 360-degree response to every disruption.

CDLAN supports businesses in adopting advanced business continuity models and managing complex IT environments, delivering integrated, backed by dedicated, ongoing technical support.

At the heart of CDLAN's offering is its proprietary infrastructure: two Data Centers—C21 in Milan, the most advanced facility at Caldera Park (Italy's leading Internet and telecom hub), and E100 in Rome—ensuring security, continuity, and high performance.

ROLE IN THE PROJECT

Technology Provider of the Private Cloud infrastructure

- Technical design and implementation
- Data protection and operational continuity
- Operational management and monitoring

CDLAN
Cloud Provider

ATR specializes in designing, building, and managing complex ICT infrastructures.

With over 50 years of experience, the company brings the expertise to integrate solutions that improve business performance and productivity, enabling a work experience aligned with 21st-century needs.

ROLE IN THE PROJECT

System integrator and strategic advisor

- Analysis of Value Group's workflows, risks, and objectives.
- Translation of business needs into clear architectural requirements.
- VM migration and operational management of the environment.
- Coordination of all project phases with CDLAN, selecting the most suitable Private Cloud platform and tailoring it to the client's needs.

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The Partner

What were Value Group's main objectives?

To support growth, ensure service continuity, and advance its technological roadmap, Value Group needed to evolve its IT infrastructure.

The goals were to adopt a single, scalable, resilient platform able to:

1 Consolidate the infrastructure into one centralized environment to simplify management

2 Improve performance by replacing end-of-life hardware at risk of failure

3 Ensure business continuity by implementing advanced backup and disaster recovery systems

4 Entrust infrastructure management to a specialized partner, allowing the internal IT team to focus on value-added business activities

The Solution

Tailor-made Private Cloud

CDLAN, in collaboration with ATR, implemented a managed Private Cloud platform within the C21 Data Center in Milan. This was not a simple hardware supply, but a complete and flexible technological ecosystem designed to evolve with the client's needs and support future growth.

Solution pillars

- -2-1-1-0 best practice compliance

- Object Storage with native immutability for unbeatable ransomware protection

- Offsite data copy on a remote data center

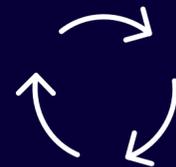- Integration with Disaster Recovery environment for VM restore on the DR

Backup as a Service

Private Cloud

Disaster Recovery as a Service

- Based on VMware VCF technology for maximum efficiency and automation

- Hosted in CDLAN's Tier IV–compliant Milan data center for the highest physical reliability

- Designed around the client's actual needs to meet business requirements
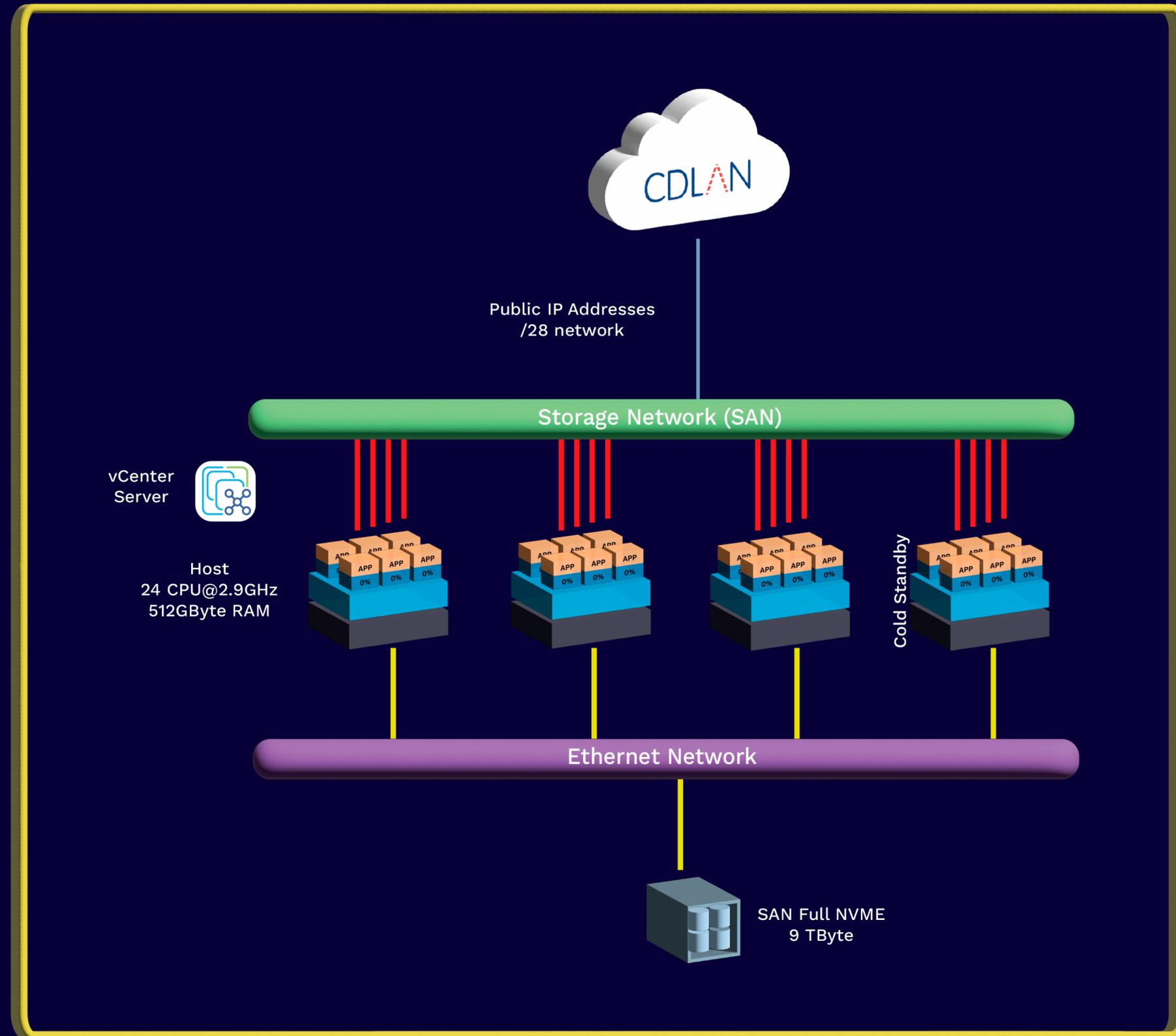
- Continuous data replication with Veeam CDP, achieving an RPO of 30 seconds

- DR site on vCloud Director with web interface for full management

- Automated DR via DNS service

Architecture

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Public IP Addresses
/28 network

Storage Network (SAN)

vCenter
Server

Host
24 CPU@2.9GHz
512GByte RAM

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APP APP APP APP
0% 0% 0%

APP APP APP APP
0% 0% 0%

Cold Standby

APP APP APP APP
0% 0% 0%

Ethernet Network

SAN Full NVME
9 TByte

Key data of the implementation

Delivery speed

- Private Cloud environment operational in 5 days
- Backup and DR services completed in 10 days
- Project delivered in time for the peak season

Design

- 500% performance increase compared to the previous setup
- 25% expansion capacity ready-to-use
- Architectural resilience supporting Business Continuity and Disaster

Proactive management

- Full system administration of the infrastructure
- Proactive monitoring and 24/7 expert support
- Constant performance checks

The Benefits

Simplified management and centralized control from a single console

Focus on core business: the internal IT team can now concentrate on value-added activities

Reliable performance with environments designed for high availability

On-demand scalability to support growth and new project rollouts

Security and **continuity** ensured by immutable backups and active DR

"Value Group now relies on a solid, modern platform designed to face the future with confidence. An IT infrastructure that is high-performing, secure, and always available: because in critical moments, every minute counts."

Tiziana Bonacina, Group CFO, IT and HR Officer - Value Group

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per VALUEGROUP