



CUSTOMER STORY

COMMVAULT 

ENEL S.P.A.

Supports digital transformation
and growth with Commvault



Global energy operator
achieves even greater
efficiency and cost savings
for multi-cloud backup.

At A Glance

Industry:
Utilities

Location:
Italy

Website:
www.enel.com

Key metrics:

- Leading integrated player in the global power and renewables markets
- Delivers electricity to around 76 million end users across 30 countries
- Develops renewable energy, storage, and other advanced technologies to drive sustainable solutions for customers
- 35 PB of managed raw data
- 25,000 servers in the cloud across the globe
- 10,000 databases in various technologies including Oracle, MongoDB, Microsoft SQL Server and PostgreSQL
- Hundreds of SAP HANA instances

The backup environment:

- Commvault Complete Data

CHALLENGE

- Legacy solutions were not efficient enough for backing up a large volume of data from a wide range of applications and different cloud platforms, with impact on total cost of ownership
- Need for a more flexible and cost-effective data protection solution to support new operating model and future growth in renewable projects

SOLUTION

- Adopted Commvault Complete™ Data Protection as the single solution to back up and recover a wide range of workloads across multiple clouds

RESULTS

- Up to 40% reduction in OPEX for service continuity and data protection
- Adopted new technologies in weeks instead of months by using enterprise-grade backup and recovery features
- Freed the operations team to focus on infrastructure and platform activities rather than data administration
- Ensured data availability and security with proactive monitoring and risk assessment
- Supported growth strategy with a high-performance and flexible data protection solution



Commvault proved to be the most effective solution to support our growth strategy. It allows us to continue our digital transformation journey without impacting productivity and customer service."

Bruno Bianchini

Head of Infrastructure & Technological Services,
Global Digital Solutions, Enel S.p.A

SUPPORTING ENERGY TRANSITION

Enel S.p.A. (Enel) is one of the world's largest integrated operators in the energy market. Founded in Italy in 1962 as a utility company, Enel now distributes electricity to around 76 million end users across 30 countries and manages a distribution network of about 2.3 million kilometers. With over 56 GW of capacity from renewable sources, Enel's vision is to build a better future for people and the environment.

Since 2015, Enel has changed its growth model to focus on smaller and more flexible renewable projects, making it easier to plan and achieve an attractive return on investment. With the transition to this new operating model, Enel needed a flexible and effective data management solution that could protect various workloads and support multiple clouds, such as AWS and Microsoft Azure. Bruno Bianchini, Head of Infrastructure & Technological Services, Global Digital Solutions at Enel knows how crucial it is to ensure the availability and security of data so the business can continue to drive sustainable innovations.

76M end users

30 countries

2.3M kilometers of managed distribution network

REDUCING OPEX BY 40% WITH A SINGLE DATA PROTECTION SOLUTION

Enel has long adopted a cloud-oriented infrastructure. To support its growth strategy in various business sectors, including new and established enterprises using smart grids or sustainability solutions, the company wanted to ensure its infrastructure was adequate to support growth and cope with unforeseen circumstances.

One of Enel's key initiatives was to move toward multiple clouds with the expectation of achieving more efficiency and flexibility. But its legacy data protection solution could not support the wide range of workloads and multi-clouds, leading to delays in digital transformation initiatives and impact on total cost of ownership.

After evaluating various solutions, Enel chose Commvault Complete Data Protection to standardize the backup processes for a range of technologies, including Microsoft SQL Server, virtual machines, and MongoDB. This helped reduce the burden on the operations team and free resources to focus on infrastructure and platform activities, rather than data administration.

"Using a single platform with Commvault to protect all the workloads and in multi-clouds, we have reduced our OPEX for service continuity and data protection by up to 40% compared to the previous solutions," said Bianchini.

With great success using Commvault, Enel is evaluating the opportunity to activate data indexing functionalities to ensure it complies with GDPR regulatory requirements.

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GREATER EFFICIENCY AND SECURITY IN MULTI-CLOUD BACKUPS

Commvault Complete Data Protection also offers the scalability and flexibility to back up and recover data to the cloud, within the cloud, and between clouds. This helped Enel to minimize the resources needed for computational nodes for its high volume of data.

"Commvault is easy to implement and use, giving us the certainty that we can achieve greater operational efficiency for multi-cloud backup but at lower cost," said Bianchini.

Thanks to Commvault's comprehensive enterprise-grade backup and recovery features, Enel can now adopt new technologies in weeks rather than months, with confidence that the data in different applications are protected.

A multi-layered approach to data protection allows Enel to enable data immutability, air gapping, and fast recovery of backups.

"Commvault empowers us to proactively monitor and assess risks to the business," said Bianchini.

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