

ABB chooses **Acronis** Cyber Backup to ensure maximum security for its customers' facilities

The Acronis solution means that ABB customers can avoid costly business interruptions by restoring the functions of any system in a matter of seconds.

COMPANY OVERVIEW

Founded in 1988 following the merger of Swedish company ASEA and Swiss company Brown Boveri, ABB is a technology company operating in more than 100 countries around the world. Its electrification, automation, robotics and motion offering serves the utilities, industrial, transport and infrastructure sectors. Technological excellence, a global presence, application knowledge and strong local skills make up the hallmark of a complete portfolio of products, systems and services that enable all customers to improve their businesses in terms of energy efficiency, network reliability and industrial productivity. In Italy, ABB has acquired the experience and skills of many brands in the Italian electromechanical sector over the years. This includes major companies that have contributed to nation's industrial history, such as Ercole Marelli, SACE, IEL, Ansaldo Trasformatori and Elsig Bailey.

BUSINESS CHALLENGE

ABB Group's technological leadership is based on an excellent offering that combines products, systems and services to make customers' facilities more efficient and secure. Its solutions come with important software components, which add value to its fine-tuned proposal that supports companies embarking on a profitable path of digital innovation. One of these components is backup and restore, a strategic element to ensure business continuity for customers keen to avoid huge losses in terms of turnover due to sudden interruptions to their activities. In this specific area, ABB was looking for a solution that could ensure complete, automatic backups of disks to facilitate a rapid, immediate restart of all protected machines. But they wanted more than this. The solution being sought also had to guarantee a universal restore; in other words, a solution

INDUSTRY

- Electrotechnical

KEY CHALLENGES

- Poor standardization in terms of recovery operations
- Difficult to automate backups
- Complex management systems

KEY REQUIREMENTS

- Automatic bare metal recovery
- Universal restore
- Maximum reliability

PROTECTED ENVIRONMENT

- Thousands of production plants worldwide

KEY BENEFITS

- Centralized and automated backup operations
- Universal restores
- Immediate response from console
- Block-level deduplication
- Agent independent of the system on which it has been installed

UNEXPECTED BENEFIT

- Simplest possible implementation of new product features

that could recover images from compromised disks, even on different hardware, regardless of the brand, model and components installed. Lastly, the backup software to be implemented had to ensure identical functionality on any type of system, irrespective of the environment being used.

THE SOLUTION

The Acronis Backup solution immediately stood out for its advanced recovery capabilities and extremely easy management. Initially, build 11.7 was installed, but ABB is currently using Cyber Backup build 12.5, with plans already afoot to migrate to the next build. Able to protect any workload, the Acronis solution ensures an automatic bare metal recovery of servers and PCs, allowing recovery to be performed on any type of hardware, regardless of the starting system. In terms of management, complexity is dramatically reduced thanks to an intuitive console, designed for anyone who does not have an abundance of technical skills. In addition, Acronis Cyber Backup protects any environment with the same agent and the same features, which means that any intervention on disparate systems can be carried out very simply and very quickly. Lastly, the solution incorporates a block-level deduplication feature, which helps limit the impact on storage systems. Any redundancy is eliminated upstream, which greatly reduces the space required for storing data.

THE RESULT

Today, there are hundreds of facilities protected by ABB using Acronis Cyber Backup, all over Italy, and thousands across the globe. Having the capability to guarantee standardized management is undoubtedly a huge benefit for the Group. Courtesy of the Acronis solution, it has been able to standardize restore processes, introducing the programming of backup operations at regular intervals on remote systems in any environment (physical or virtual) and of any type (PC, server, workstation). This standardization not only simplifies the processes, but also speeds up the technical testing and deployment times of the infrastructures created for the customers' facilities, which is highly instrumental in accelerating the acquisition of orders by ABB. This business benefit is also supported by the immense stability provided by Acronis Cyber

Backup, which makes the solutions and services offered by the Group even more reliable. A valuable contribution that continues to grow over time. The solution is constantly enhanced with new features and functions that ABB can integrate into its systems. It knows it can count on extremely flexible support from Acronis, which is always ready to assist with the introduction of updates in full compliance with the necessary validation times from the entire Group.

THE FUTURE

The number of production plants built and protected by ABB is growing constantly. In the future, this growth will make the partnership with Acronis even more strategic, as it will be required to guarantee effective backup and restore processes in increasingly disparate environments. One area in particular that will see this growth is the demand for coverage of all those environments nowadays monitored by fewer staff, such as virtual environments, where the Acronis solution is intended to capture more space. The reliability demonstrated by Cyber Backup is then prompting the Group to evaluate the use of Acronis solutions even within its own data center, with the aim of avoiding any risk of the interruption of activities. For the time being, this is only an assessment of the Italian site, but over time its use could also extend across borders.

ABOUT ACRONIS

Acronis unifies data protection and cybersecurity to deliver integrated, automated [cyber protection](#) that solves the safety, accessibility, privacy, authenticity, and security ([SAPAS](#)) challenges of the modern digital world. With [flexible deployment models](#) that fit the demands of service providers and IT professionals, Acronis provides superior cyber protection for data, applications, and systems with innovative [next-generation antivirus](#), [backup](#), [disaster recovery](#), and [endpoint protection management](#) solutions.

[Founded in 2003](#) and with dual headquarters in Switzerland and Singapore, Acronis is a global organization that is trusted by 100% of Fortune 1000 companies. Learn more at [acronis.com](#).