A new off-site backup strategy for an international company, a leading medical device manufacturer in Ticino.

THE CLIENT
International company, leading medical device manufacturer in Ticino.

THE OBJECTIVE
To create a new off-site backup strategy able to mitigate potential ransomware attacks and other threats.

SECTOR
Manufacturing

GEOGRAPHIC AREA
Canton Ticino

PARTNERS INVOLVED
veeam   wasabi hot cloud storage

The Challenge

Due to the increase in ransomware attacks happening worldwide in last few months, the client's need was to upgrade its backup strategy to increase its level of security and speed of recovery, through an off-site backup. The client's existing backup policies included extremely long restore times and a significant level of technical difficulty in the event of an attack or disaster. Both factors, which within emergency situations would have slowed the full return to operations with consequent damage in terms of turnover and reputation. In addition, their physical nature, made them time-limited and subject to various weather and environmental factors, causing irreversible damage.

"As nowadays, ransomware is one of the main fears of companies, having an off-site backup into the cloud and reaching data immutability, is an essential aspect to be able to mitigate attacks. "

Stefano Papaleo
CTO, 4IT Solutions.

The solution

"In the event of a ransomware attack and with such a backup, the customer would have never been back up and running in the timeframe they would have liked." Stefano Papaleo, CTO of 4IT Solutions.

The new backup strategy, proposed through a POC (Proof of Concept), provides synchronization between local and cloud backup. A solution that, leveraging both Wasabi and Veeam, turns out to be extremely simple, fast and versatile. After the installation of a dedicated fast Internet network, it has been possible to backup more than 100.

In addition, 4IT Solutions' team created a recovery test from Wasabi to Azure, to allow the customer to have a quick recovery from the cloud in the event of a local disaster. This ensures geographic redundancy and on-demand recovery without the need for an on-premise infrastructure.

The Result

- Enhanced data security through immutable backups
- Ease of use
- Fast recovery times
- Direct restore from **Wasabi** to **Azure**, paying only when used
- Protection from ransomware
- Lower costs for S3 storage

Next steps

- Migrate customer mail to the cloud (Microsoft365)
- Add Microsoft365 backup to existing infrastructure

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