

SHOWCASE

Project name: Disaster Recovery as a Service for the company Venturini & C S.p.a.

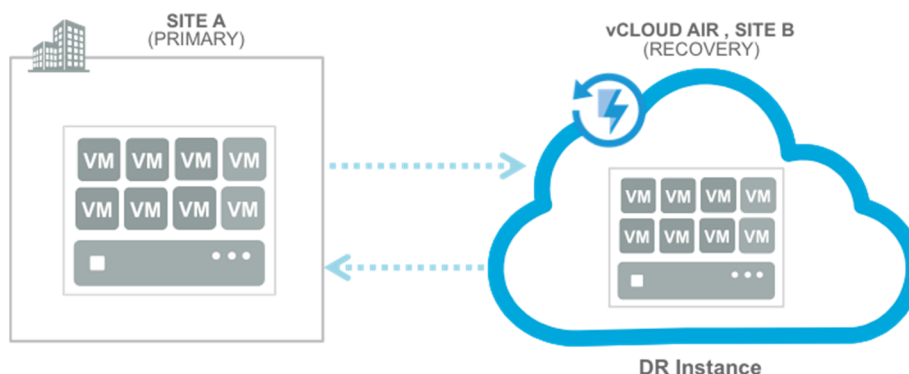
Description: Venturini & C S.p.A. Is the leading private operator in Italy in providing solutions and services for the development, management and submission of documents. The company incorporates organizational and technological assets that make it today a complete outsourcer for the communication and document management of its customers. It is able to handle all the IT activities, specifically the one related to the processing and sending of digital documents. The company produces millions of documents per year on behalf of approximately 300 active customers, mainly in the banking, telephone, energy, insurance and public administration sectors. Venturini & C Spa employs approximately 500 employees and consolidated turnover is approximately 75 million euros.

The company supplies printing and printing services to large municipalized companies, large telephone companies, banks and financial and insurance companies. The customer's data goes into the company's computer network through the so-called EntryPoint and once it is present on the company's servers, the data begins to be processed according to the technical specifications shared with the customer. The raw data sent by the customer will then have to pass several processing steps before getting on the printing production machines. The steps needed to process the data are the following:

- Data entry: EntryPoint (www.entrypoint.venturini.com)
- Parsing the data according to the record path provided by the customer
- Layout of the data according to the layout shared with the customer
- Creating the print spool
- Send to the factory production of the print spool
- Printing and padding
- Sending of the envelope

In order to warrant the integrity and availability of their core business and services the company needed a Disaster Recovery solution to ensure the continuity of the data entry point, its processing and the production. Disaster Recovery has been implemented through the acquisition of other companies operating in the same sector in Trento, Prato and the Milanese Interland. Before implementing computing resources within another Data Center, the IT staff was concerned about the connectivity issues to the facility as Disaster Recovery. The choice fell on the production plant of Gardolo, province of Trento, as it was equipped with printing and enveloping machines similar to those in the headquarter. The company already had an MPLS network capable of connecting with a star topology the various peripheral production sites, including the one of the headquarter. A link was then added between headquarters and the Disaster Recovery Service Center as a Service Center. Having a virtual virtual infrastructure with hypervisor VMWare, it has been chosen to take advantage of the Zerto technology replication potential in order to guarantee a RPO time (time lag of data on DR site compared to primary site) and RTO (time Necessary for full recovery of operation) below 8 working hours. The Zerto technology is specifically designed for virtualized environments: the layer of

replication operations is no longer physical storage but is transferred to the Hypervisor, the heart of the virtual infrastructure.



Disaster Recovery as a Service – Site A and Site B

The most critical aspect was to find a place to accommodate the computing power needed to process the data. Having found it ready and only interconnected with the Headquarter and the backup production site, it has enabled the success of the project.

Within the Cloud infrastructure, a dedicated business environment was created, a true virtual data center where the company has a number of computational resources (RAM, CPU, and STORAGE) to create, turn on, turn off, and manage their VMs in full freedom, with the power to assign each of them the resources they prefer. All this is nothing else than a part of the environment contained in the data processing center of the headquarter that is periodically synchronized with the Cloud infrastructure.

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