

From on-premises hosting to the VMware on OVHcloud

BlueBearsIT is a Lyon-based IT management company founded in 2018. It is registered as an Advanced Partner on the OVHcloud Partner Program, and is supporting MCC Label with its migration to a private, secure and high-performance cloud.

The background

Multi-Color Corporation (MCC Label) is an international company that delivers labelling solutions for the healthcare sector, cosmetics and household products, and the automotive sector. With sites located across several continents (North America, Latin America, Europe, Africa, the Middle East and the Asia-Pacific region), the company serves its main market segments worldwide. This represents a total of over 85 label production establishments in 26 different countries.

The challenge

In Europe, MCC Label is the market leader in wine and spirit labelling solutions, with 30 active production units based on a platform of several ERP (Enterprise Resource Planning) digital solutions. As the group continued to grow, the division needed to scale its infrastructure from an on-premises datacentre model to a scalable, granular cloud model.

It was important to build a strong environment that could support the growth of EMEA regions (Europe, Middle East, Africa). It was also vital to ensure that European data would be stored on a highly available private cloud, which can integrate with the group's global network.



BlueBearsIT has greatly succeeded in supporting us with our transition to a private cloud for hosting our ERP. The international context of this project included change management and communication as two key elements that BlueBearsIT has mastered perfectly, in addition to the technical aspect. I am happy to recommend them in this area.

Rémy Vial, EMEA Infrastructure Manager



Solution

After carrying out an in-depth analysis of the existing infrastructure and considering several options, BlueBearsIT designed a specially adapted Private Cloud architecture. By opting for the VMware on OVHcloud SDDC (Software-Defined Datacentre) solution, they would get optimal performance. This infrastructure offers a private space, which is fully dedicated and provisioned with resources through physical machines and the vRack (OVHcloud's virtual private network). The infrastructure is based on a vCenter application layer, which is used to manage and administer the VMware host cluster. This means the customer can create and manage the virtual machines they need.

-53%

**reduction in Windows
login time**

-62%

**reduction in
maintenance time**

**35
Days**

**migration with full
reinstallation of Windows
environments**

Using the features provided by the NSX module as well as OVHcloud Connect, it was possible to link the MCC Label premises to the OVHcloud infrastructure, and connect the entire new infrastructure to the existing one. This connection, created from the Point of Presence (PoP) in Frankfurt, allows access to vRack from all sites in which the company is based. Based on the successful tests carried out by the application team, the VMware on OVHcloud solution was set up in a few hours. Several storage instances in two datacentres have been set up for a multisite backup.



BlueBearsIT manages an infrastructure made up of two servers dedicated to backup, via the vRack and the Veeam Cloud & Service Provider (VCSP) solution. They are hosted in the Roubaix and Strasbourg datacentres, to ensure optimal security and a guaranteed bandwidth of up to 10Gbit/s. These measures are complemented by a third backup in the cloud, and a disaster recovery plan (DRP) has been deployed to guarantee redundancy for the most critical systems. Consequently, the infrastructure has almost total fault tolerance.

The results

It took 35 days and structured IT governance to complete the migration, including the full reinstallation of Windows environments. This represents a real technological achievement with MCC Label. BlueBearsIT teams now manage and supervise their server cluster, hosted at OVHcloud. Among other components, its infrastructure includes 19 RDS servers with load balancing, around 10 application servers, and file servers. Since BlueBearsIT has implemented this solution, MCC Label has gained flexibility, accessibility and speed. This has resulted in a 53% reduction in Windows login time, and a 62% reduction in maintenance time. The system is also more stable and consistent across all of the company's international sites. The infrastructure is much more secure, and offers simplified management.

With this well-designed, agile infrastructure, MCC Label has been able to regain its full dynamic. The VMware on OVHcloud solution offers outstanding scalability, as cloud resources can be ordered and set up easily. For example, following the launch of a new factory, the company was able to add a server in just a few hours. Financial costs are also kept under control, as the infrastructure is sized to fit the resources they actually need.