



NEW GENERATION DATA CENTER: DUCATI MOTOR HOLDING HAS ENTRUSTED ARUBA ENTERPRISE WITH A FULLY CUSTOMIZED HYBRID CLOUD AND DISASTER RECOVERY PROJECT.



ADOPTED SOLUTIONS

- ✓ **Cloud**
- ✓ **Disaster Recovery**

Style. Sophistication. Performance. Trust.

Founded in Bologna in 1926, Ducati proudly flies the flag for "Made in Italy" quality. The essence of Italian style can be seen in the design of its bikes: sinuous, slender, seductive lines, for timeless style and an unrivalled benchmark. In more than 60 countries around the world, Ducati motorcycles represent the dream of all the passionate motorcyclists who make up the Ducati family and community.

Requirements

At a time of huge change where there is a real focus on innovation, as well as massive acceleration and the ability to comply with the rules dictated by the market, Ducati Motor Holding needed to consider the idea of a partnership that would go beyond the norms, with an excellent representative who would be able to propose and offer the best infrastructures and technological solutions. The objective was threefold:

- ✓ **update the IT infrastructure at Ducati's headquarters;**
- ✓ **launch a remote site that could offer an innovative way of delivering Disaster Recovery solutions;**

✓ use an enterprise-level data center to provide these services.

The ultimate goal of all of this was to improve efficiency when it comes to response times for the business's working needs.

The solution

The project responded to three main requirements in order to:

✓ **upgrade the hardware** used by the on-premise data center provided **in the form of an on-premise Private Cloud**: with regard to the production infrastructure at Borgo Panigale, the Enterprise division designed an infrastructure with Lenovo servers and NetApp storage components to run on-premise backups for Ducati;

✓ provide a **fully dedicated Cloud solution to guarantee the highest level of security and privacy** based on the specific IT architecture design skills boasted by the

team's engineers and the high level of reliability offered by Aruba's Data Centers;

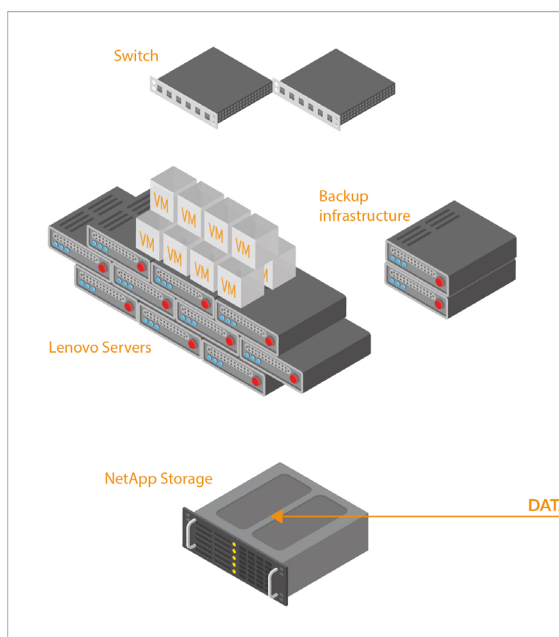
✓ create a **Disaster Recovery environment in the Global Cloud Data Center** for the most important applications located on Ducati's on-premise systems.

And so the New Generation Data Center was born, a real extension of the data center that Ducati Motor Holding already has: a hybrid data center was designed offering an on-premise hybrid Cloud solution at Borgo Panigale and a solution in the Cloud at the Global Cloud Data Center.

IT Infrastructure diagram

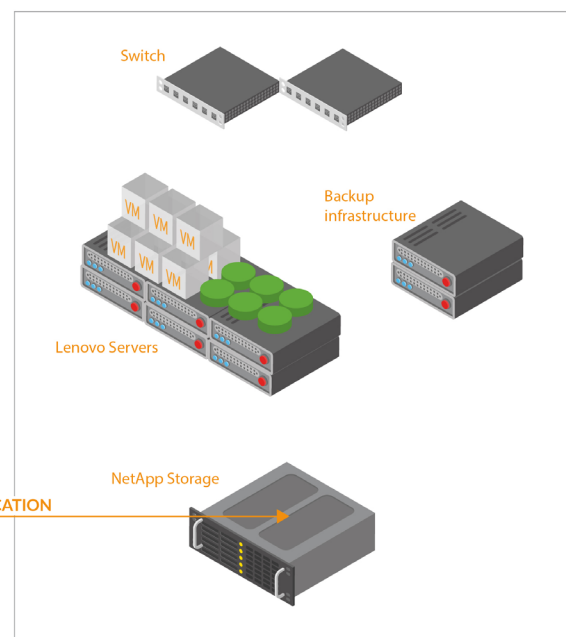
Borgo Panigale

Production environment



DC - IT3 PSP, Rating 4

Hybrid Cloud - Disaster Recovery



The benefits

✓ **Disaster Recovery** is used as an extension of the primary infrastructure, so Ducati has **complete freedom to choose when to use 'unused' Disaster Recovery resources** as if they were primary resources.

✓ The solution implemented ensures **maximum security for the Holding's data** because it is replicated, and in the event of a disaster, the data can be available to respond to any risk.

✓ **Global Cloud Data Center** is an **enterprise-level campus data center** accredited according to the ANSI/TIA 942-B-2017 "Rating 4" standard, which guarantees the highest technological standards for data resilience and redundancy.

Another important point in the final decision to choose Aruba's Data Center on the outskirts of Milan was the focus on green solutions and the production of **energy from renewable sources**.

Future developments

Aruba Enterprise and Ducati Motor Holding have therefore launched a complex project to update and enhance Ducati's existing IT infrastructure. The exclusive benefits of sharing and combining the know-how of 2 companies specializing in 2 very specific

different sectors, brought together for the same project. This meant combining the experience of engine technology with IT, Cloud and data center technology: the perfect synergy for optimum results.

"We needed to update the on-premise IT architecture that supports development, innovation and general business processes, to have a Disaster Recovery site, boost the resilience of our data and shorten time to market, factors that make us stand out when it comes to the innovation that we offer with our motorbikes. Aruba Enterprise has given us the answers we were looking for".

Konstantin Kostenarov, CTO Ducati Motor Holding

