

## Aruba and Lenovo partner to transform Ducati Motors' IT infrastructure and provide business continuity throughout emergency situations

*Latest storage and server technologies enable Ducati's Motor Holding Data Centre to maintain its competitiveness and operate at optimum efficiency, especially during critical periods and emergency situations.*

**London, 2 September 2020** – **Ducati Motor Holding** benefits from a state-of-the-art IT infrastructure which at the beginning of last year had launched a fully customized project aimed at enhancing the performance of its IT architecture, as well as increase the resilience of the services it provides. One of the main objectives was to renew its existing technological approach by tapping into the cloud and creating a hybrid approach. To do this, it made use of the collaboration and knowledge of the two most innovative and leading IT companies within their respective sectors: **Aruba Enterprise** and **Lenovo**.

**Aruba Enterprise** proposed a project that encompassed completely different hardware and configuration settings to Ducati's previous infrastructure. The approach has totally transformed its traditional architectures and logics to enable a new data center concept. Aruba assisted in renewing Ducati's on-premise data center hardware in the form of a service in Private Cloud mode. This allowed for entirely dedicated cloud solution to guarantee the highest level of security, as well as a disaster recovery environment within the Aruba Global Cloud Data Center for the company's critical applications in Borgo Panigale.

At the same time, **Lenovo** worked with **Ducati** to design and implement the upgrade of its HPC cluster, based on **Lenovo ThinkSystem SD530, SR630 and SR650** servers. It is equipped with the latest generation **Intel® Xeon®** scalable processors and **NVIDIA Tesla M10 GPUs, V100** and connected with **Lenovo's ThinkSystem NE1032 RackSwitch Low Latency Switch**. In parallel to the HPC project, **Ducati** also used **Lenovo** technology in the configuration of its two new data centers: one at the **Borgo Panigale (Bologna)** and the other at the **Disaster Recovery (DR) site in Ponte San Pietro (Bergamo)**. Together, both data centers contain **20 ThinkSystem SR630 servers and 4 ThinkSystem SR550 servers**, configured as **Active / Active clusters with Production and Development / Test workloads** distributed across the two sites. This configuration allows **Ducati** to apply failover procedures in the event of a disaster with minimum downtime. The implementation can be activated at a later stage in the **Business Continuity** project, as well as being **GDPR compliant by design** and providing protection for mission critical apps.

The choice proved to be a successful one, especially given the recent period of uncertainty surrounding **Covid-19**. The design of the infrastructure has allowed **Ducati** to "transform" from a desk-centric company into a mobile-first company in a few days, while maintaining efficient operations and performance. One of the main advantages of the new solution is having a customized infrastructure ready for extension and up-scaling. **Ducati** now has complete freedom to use all computational resources dedicated to disaster recovery to test and develop environments, as if they were primary resources. This way, the company has access to more computing power and can take advantage of the test machines for new products, while improving the time required to market its business.

Similarly, **Ducati** has been able to migrate workloads from its main headquarters to peripheral sites, the disaster recovery site, using this as an active site and not exclusively for data recovery. Through this approach, part of the cold data used by the computing cluster no longer resides on the central site, allowing **Ducati** to manage a large part of data in memory, speed up computation times and distribute workloads between the various nodes.

Since the project's inception in 2018, four new 2D VDI nodes have been added at the Aruba Global Cloud Data Center to manage office automation applications. This now makes it possible to move workloads from Ducati's HQ in Bologna to the remote site, while continuing to guarantee access to services even in remote working mode.

*"Using the latest and most advanced technologies is part of Ducati's DNA," said Konstantin Kostenarov, Chief Technology Officer at Ducati. "Relying on the best technologies made available through our partners has significantly contributed to the overall improvement of processes, while at the same time increasing the value of the results achieved. The choices made two years ago and the projects that have been carried out since then have allowed us to tackle the various complexities of this sport in the most effective way possible."*

*"Among the technologies that have emerged as a result of Covid-19, the cloud is undoubtedly one that has proven its worth and made it possible to better face crisis situations. An internal commissioned survey reveals that 59% of those who were able to use cloud solutions during emergency situations considered its use to be fundamental to their operations," said Giorgio Girelli, General Manager of Aruba Enterprise. "The sharing and combination of the latest technologies between the three companies involved has given life to a very innovative project focused on one goal: obtaining maximum performance."*

*"The recent covid-19 crisis that we are still experiencing globally has forced companies to implement and strengthen their remote working practices" said Alessandro de Bartolo, Lenovo Data Center Group's Country General Manager for Italy. "Our collaboration with Ducati is making full use of our latest Lenovo ThinkSystem technologies that supports business continuity and promotes remote working. We are particularly pleased with the effective and synergistic collaboration that has been established between everyone involved in the project" concluded Alessandro de Bartolo.*

For more information on the project: <http://aru.ba/enterprisecaseducati>

For more information on Enterprise solutions: <http://aru.ba/enterprisesolutions>

## Aruba Enterprise

Aruba Enterprise, a division of Aruba S.p.A, has dedicated itself for over 10 years to the design, implementation and management of highly customised enterprise technology solutions. Its products allow organisations from both public and private sectors to capitalise on the opportunities presented by IT and digital transformation (DX). Aruba Enterprise harnesses its specialist expertise to offer cutting-edge solutions and targeted consultancy. At the heart of its service is a commitment to continued investment in state of the art infrastructure and partnerships with leading industry players, with a reputation for quality and reliability.

## Ducati Motor Holding S.p.A. - A Sole Shareholder Company - A Company subject to the Management and Coordination activities of AUDI AG

Founded in 1926, since 1946 Ducati has been manufacturing sport-inspired motorcycles characterised by high-performance Desmodromic engines, innovative design and cutting-edge technology. With its factory located in Bologna's Borgo Panigale district, in 2016 Ducati celebrated 90 years since its foundation. The model range covers several market segments with the following families: Diavel, XDiavel, Hypermotard, Monster, Multistrada, SuperSport and Panigale. In 2015, Ducati presented the Ducati Scrambler: a new brand made of bikes, accessories and apparel that stands out for its creativity and self-expression. In 2017, Ducati presented the Panigale V4, the first Ducati production bike to mount a 4-cylinder engine derived directly from the Desmosedici GP engine. Ducati

iconic motorcycles, together with an extensive range of bike accessories and technical and lifestyle apparel, are distributed in 90 countries worldwide. In 2019 Ducati delivered 53,004 bikes to customers, consolidating its sales over the 50,000-bike threshold for the fourth year running. Ducati competes in both MotoGP and Superbike World Championships. It has been competing in MotoGP since 2003, winning both the Manufacturers' and Riders' titles in 2007, while in Superbike Ducati has won 17 Manufacturers' titles and 14 Riders' titles.

## Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US\$50 billion Fortune Global 500 company, with 63,000 employees and operating in 180 markets around the world. Focused on a bold vision to deliver smarter technology for all, we are developing world-changing technologies that create a more inclusive, trustworthy and sustainable digital society. By designing, engineering and building the world's most complete portfolio of smart devices and infrastructure, we are also leading an Intelligent Transformation – to create better experiences and opportunities for millions of customers around the world.

To find out more visit <https://www.lenovo.com>, follow us on [LinkedIn](#), [Facebook](#), [Twitter](#), [YouTube](#), [Instagram](#), [Weibo](#) and read about the latest news via our [StoryHub](#).

### Press contacts:

<p><b>Aruba - Red Lorry Yellow Lorry (PR Agency)</b> Philip Iacob Senior Account Executive UK Tel: +44 (0)20 7403 8878 Email: aruba@rlyl.com</p>	<p><b>Lenovo</b> Pietro Parodi Communication Specialist Lenovo Italy Tel: +39 349 705 3675 Email: pparodi1@lenovo.com</p>	<p><b>Ducati Motor Holding</b> Angelo Marino Brand &amp; Corporate Communications Manager Italy Tel: +39 051 641 3668 Email: angelo.marino@ducati.com</p>
--	---	---