



LUXURY HOSPITALITY CHAIN BAGLIONI HOTELS RELIES ON A REDUNDANT INFRASTRUCTURE TAILOR-MADE BY ARUBA ENTERPRISE



ADOPTED SOLUTIONS

- ✓ Colocation
- ✓ Cloud
- ✓ Disaster Recovery

Baglioni Hotels is an Italian company with a chain of nine luxury hotels in Italy and around the world, namely France, the United Kingdom and the Maldives.

Requirements

To optimize the management of information systems in all the hotel locations and of their associated business activities, Baglioni Hotels put their trust in Aruba Enterprise to take another step towards the company's digital transformation and migrate its data to a highly redundant, secure infrastructure; more specifically, helping **simplify part of the in-house IT processes and guarantee service continuity** for its business. One of the basic requirements was to optimize the management of information systems and the entire booking process to guarantee the efficiency of the various portals used by Baglioni Hotels to monitor their properties and, in particular, the efficiency of the customer reservations booking area. The sections and pages concerned require the highest level of security which only the very latest technological infrastructure can offer.

The solution

The project included mass migration to the Cloud in order to centralize management of the IT infrastructure in offices around the world in one single enterprise-level Data Center. The solution proposed and implemented involves **Aruba Private Cloud, an IaaS service that lets you create Virtual Data Centers (VDC) with virtual servers, firewalls and networks on one side and, on the other, a dedicated rack and a Colocation service** with servers hosting the web and management services for all the hotels in the chain. More specifically, Aruba Private Cloud meets Baglioni Hotels requirements precisely by providing a service which is:

✓ **made to measure**

offering the possibility to expand or reduce components and related resources according to specific needs;

✓ **flexible**

guaranteeing the creation and distribution of workloads in real-time;

✓ **fast**

providing enterprise-grade storage, high frequency CPU servers and network redundancy at 10 Gbit/sec;

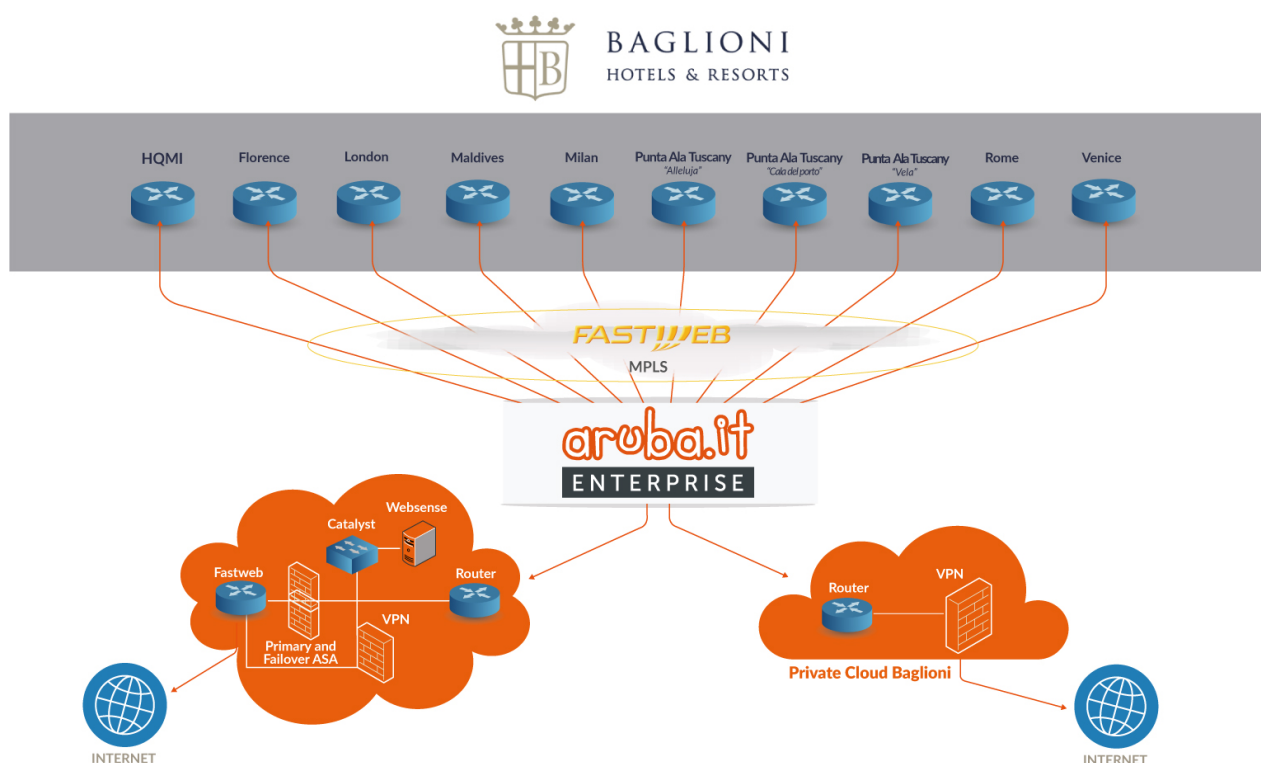
✓ **secure**

the service is based on fault-resilient infrastructure thanks to high availability clusters, network redundancy and storage replicated across two data centers;

✓ **with guaranteed resources**

CPU is 100% guaranteed without overbooking. RAM is physically guaranteed: each GB of virtual RAM corresponds to 1 GB of physical RAM on the servers providing the service.

Infrastructure Diagram



Benefits

Baglioni Hotels can rely on a network of enterprise-level data centers capable of guaranteeing maximum redundancy for systems and maximum levels of business continuity.

The security of information on its portals, applications and internal management is guaranteed by the logical and physical security of the Aruba Data Center, certified to the highest standard of data resilience, Rating 4, ANSI/TIA 942-B. In addition, there are 7 physical perimeters and CCTV, intrusion sensors, bollards, access turnstiles with

metal detectors, double-authentication security systems, anti-tailgating systems, as well as a Building Management system which monitors all equipment and infrastructure with constant 24/7 surveillance (NOC). This means that the entire infrastructure for all Baglioni Hotels' sites **is provided from a single location, which is highly redundant and protected**. At the same time, the flexibility of the Cloud will help improve management of IT resources required according to real-time needs.

“Aruba Enterprise has proved to be always available and has been able to manage all of our requests in detail, putting together a specific migration plan to suit our needs. I think it is vital to be able to rely on a single point of contact when implementing digital processes of this scale”.

**Alessandro Bruni – CIO, Head of IT at
Baglioni Hotels**

