Into the cloud... based on a true story

Delivering a fast, secure and reliable network for an entire urban community's public institutions

OVHcloud

GROUPE ADP

1,000
virtual workstations

150
virtual machines

7
Hosted Private Cloud
infrastructures

The background

The urban community of Bourget Airport is home to 100,000 residents of the French towns of Le Bourget, Drancy, and Dugny. It is also the first community in France to completely outsource its IT operations for all of its public institutions, including schools, municipal police stations, and health centres. OVHcloud designed and delivered a tailored Hosted Private Cloud solution that could be connected to the community's network, allowing public service staff to work in a secure, flexible and dependable online environment at all times.

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The challenge

For public entities, budgetary constraints are the norm. As such, the community was seeking a cost-effective IT solution that would enable it to keep up with technological advances without relying on in-house professionals. To do so, the IT manager needed to outsource the municipality's entire server farm to a value-driven cloud provider.

"On one hand, technology advances rapidly, and hardware is quickly obsolete. On the other, a public authority does not have the budget to regularly upgrade its machines, nor the funds to recruit experienced system administrators, whose salary expectations are elevated due to the shortage of such professionals in the IT sector. Therefore, outsourcing is the best solution."

David Larose, IT Manager, Urban Community of Bourget Airport

The solution

OVHcloud directly connected the core of the community's network to seven Hosted Private Cloud solutions in its datacenter through the vRack Dedicated Connect solution.

One Hosted Private Cloud is used solely to collect and store video protection data from 80 HD cameras and three more host business applications. Remote desktops also host 150 virtual machines, which include more than 60 apps, for government data.

In addition, OVHcloud extended fibre links to nearby towns, to establish interconnection points and enable the community to benefit from a 2x10 Gbps fibre connection with the security of a second loop with the same capacity, and to two points of presence (PoP), so that data could be channelled through four distinct fibre links, using two different routes. A pair of firewalls and a Cisco Sourcefire module were also deployed at one PoP to provide the community's public employees with a redundant 10 Gbps internet connection.

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The result

The OVHcloud Hosted Private Cloud allowed for platform sharing across applications and environments for greater agility, communication, and efficiency. The virtual desktop environment simplified template management, rapid deployment of remote desktops, and enhanced help desk support. With Hosted Private cloud, OVHcloud can manage availability and performance from the interconnection points to the infrastructures.

"The investment for pulling fibre to the towns of Bobigny and La Courneuve will see an ROI in 10 years, all while providing 100 times the bandwidth and the ability to communicate through a totally private network with our outsourced infrastructures."

David Larose, IT Manager, Urban Community of Bourget Airport
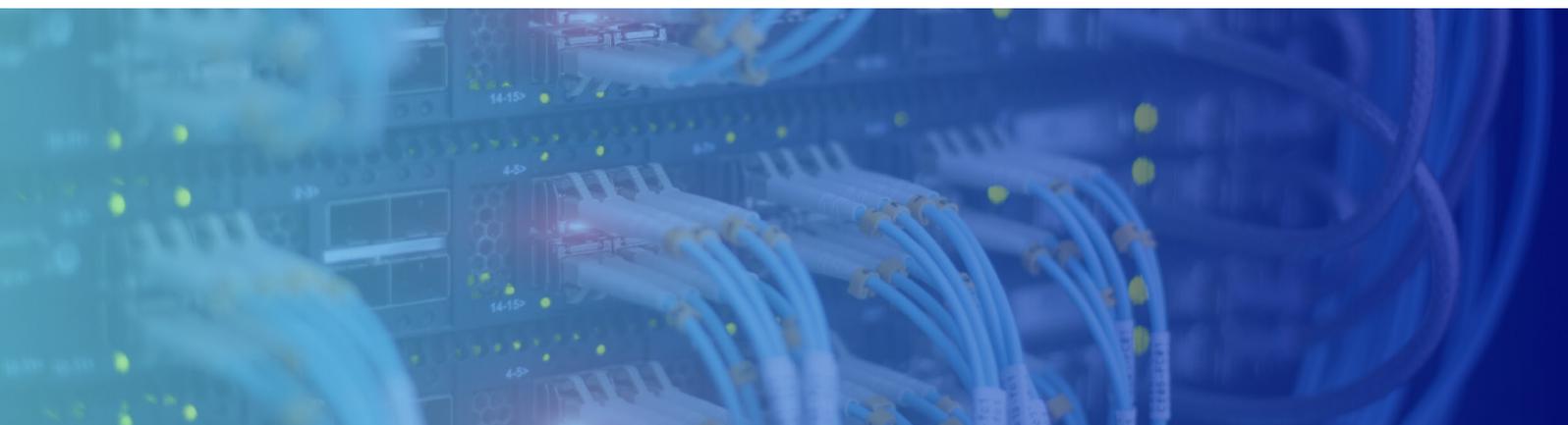
OVHcloud is a global player and the leading European cloud provider operating 400,000 servers within its own 31 data centres across 4 continents. For 20 years, the Group has been leveraging an integrated model that provides full control of our value chain, from designing our servers to managing our data centres through to orchestrating our fibre-optic network. This unique approach enables OVHcloud to cover, independently, the full spectrum of use cases for our 1.6 million customers across 140 countries. OVHcloud now offers customers latest-generation solutions that combine high performance, predictable pricing and full data sovereignty to support their unfettered growth.

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