CLIENT EQUINIX SUCCESS STORY - NETPLUS - CLOUD SANTÉ®

Netplus relies on highly reliable and secure Equinix data centres to develop its Cloud Santé® service

Business results

- Short distance between the two Tier 3+ data centres, reducing operating costs and ensuring complete redundancy and independence

- Optimised implementation of a business continuity plan

- International presence enabling consistency of services between the various POP of Netplus' Cloud Santé®

- Secure access to numerous telecommunications and Internet operators in the two data centres

- Obtaining the ISO27001 standard for Equinix

Executive overview

A technical partner of the French government and business critical hosting and cloud strategy companies since 1996, Netplus has gradually shifted its focus towards the health market, obtaining HDS (healthcare data host) approval in 2013. To ensure the reliability of the company's services and its growth, Netplus needed a partner capable of providing data centres that were reliable, efficient and interconnected to the major telecommunications operators and Internet service providers.

By choosing Equinix, Netplus took advantage of the company's experience, reputation and international presence to expand its business.

The customer

Netplus specialises in critical environments and delivers a high-availability, value-added service. The company subsequently focuses on SaaS and offers online applications maintaining this culture of efficiency, security and high availability. Several years ago, prompted by developments in the world of e-health and requests from several clients, Netplus created the Cloud Santé® offer, an efficient, secure and sovereign cloud.

Business challenge

After several incidents in another data centre that were capable of jeopardising the company hosting and operating SaaS, Netplus needed a data centre it could rely on. It needed a partner that combined several strengths: an international presence, infrastructure hosting services with unparalleled reliability, architecture that would enable the implementation of a business continuity plan and on-site access to numerous ISP and operator networks.

"As a specialist in the health market and with the development of connected health objects and telemedicine, Netplus needed to find a specialist with ISO27001 certification, an international standard that covers information security management systems. Netplus needed this certification in order to meet our requirements and guarantee the required security levels for hosting personal health data," explained Loïc Bernable, Technical Director at Netplus.

Solution & value realised

Netplus chose Equinix PA2 and PA3, both located on the same extended campus in the Paris region. There are major benefits to this solution. The first is that the buildings, although connected by optical fibres and located relatively near to one another, are totally independent. Access security, telecommunications links, electricity, uninterruptible power supply and fuel tanks, everything is duplicated, as well as native redundancy implemented on each site. "The two data centres fulfil the requirement for synchronous data replication. We had a strong constraint on the distance between the two sites, in order to minimise latency between our infrastructure which is essential for synchronous data replication," reported Bernable.

EQUINIX®

> **"Our new active/active multi-site BCP infrastructure was rolled out to the Equinix data centres in less than six months, and was operational in less than four months: a real achievement."**
> Loïc Bernable, Technical Director at Netplus

Thanks to Equinix, Netplus was able to implement a business continuity plan solution in active/active mode, so that at all levels, network, security, storage, servers, etc. everything is redundant in cluster mode. As such, the facility is tested each quarter by Netplus which physically disconnects the hardware and checks that it is all working perfectly. This method allows the engineers to get used to the alerts and test the procedures to be observed, in preparation for a real incident.

The second benefit of Equinix's solution is the presence of 160 operators on the St-Denis campus. By establishing direct peering links with other operators, Netplus reduced its costs in terms of Internet transit and, following the increase in the strength of traffic, was able to minimise investment in more powerful transit links.

The third benefit is that Equinix has its own optical fibre connections to its two other Paris sites. "If we have to install a third site on the Pantin (PA4) data centre in the future, the cost of interconnection will be lower than if we had to take dark fibres and invest in hardware to light them and establish efficient remote communications," explained Bernable.

Finally, the partnership between Netplus and Equinix is also part of a global strategy which is the international development of the Cloud Santé® offer. Netplus has a presence in China and the United States in Equinix data centres and has the same contacts, partners and processes as in France. As a result, it is simple to replicate abroad the models that have been tested and approved in France, minimising the operational risks to remote infrastructure.

Netplus can rely on a partner with similar aims: the highest levels of reliability and security for a global cloud computing-based health data market, in which confidence is a key issue.

About Netplus
Netplus is the Cloud partner and critical host for public and private health professionals and manufacturers. Netplus offers an extensive range of health services tailored to suit the requirements of Connected Health: strong authentication, telehealth, storing examination results, digital health vault, etc. Netplus is approved for personal healthcare data hosting (HDS) and for that reason, it has implemented an architecture and methods targeting the highest quality of service: business continuity plan, active/active multi-site architecture, traceability, security, confidentiality.

About Equinix
Equinix, Inc. (Nasdaq: EQIX) connects more than 4,500 companies directly to their clients and partners inside the world's most networked data centres. Today, cloud, network, digital media services and financial services companies use the Equinix interconnection platform, covering 35 strategic markets across the America, EMEA and Asia-Pacific regions. Equinix's clients connect directly to their strategic partners and end clients, forming dynamic ecosystems within Equinix. These interconnected ecosystems enable companies to optimise the performance of their content and applications and protect their vital digital assets

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