



"The most important thing is that this new bandwidth capability will enable us to not only eliminate the latency effect but also improve the security of our with IT."

– Jérôme Borrás, Information System Manager, ADAPEI de la Meuse

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ADAPEI de la Meuse is an association in France created by the friends and parents of disabled children. These children, between the age of three and five, enter special education and rehabilitation services centers, where they receive schooling and vocational training according to their abilities. On reaching adulthood, they enter a work integration social enterprise, where they are involved in various activities such as horticulture, gardening, and more.

Challenge: Meeting performance and accessibility needs

Since 2014, ADAPEI has federated information through IT and linked it to a data center. As they have access to more and more sensitive data complying with the GDPR process is crucial. Linking several remote sites to a business ERP increased performance needs enormously and created business continuity issues. As ADAPEI operates 24x7, continuous access to its ERP is a must.

Solution: Eliminating latency and securing critical data

The HPE Nimble Storage team carried out a POC on the information systems. "The first tests showed that the storage access times fell on average to 0.2 milliseconds when our previous array did not go below 15 to 20 milliseconds. In terms of inputs-outputs, we stagnated at 400 inputs/outputs per second with the current solution, whereas the Nimble AF1000 All-Flash array from HPE went up to 35,000 I/O per second," Jérôme emphasized.

Results: Enabling quick access to data regardless of distance

After implementing the HPE Nimble Storage array, there is not only a performance spike in the information systems but also the maintenance time has reduced. "Previously, I updated 10 virtual machines of our ERP one by one, which took me four to five hours each time. Now, this operation only takes me 30 minutes. It's the same for updating the operating systems. In the end, the time that I save can now be devoted to my users rather than to the infrastructure," Jérôme concludes.

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