

Profideo takes back control of its cloud- native infrastructure with Nutanix and OVHcloud

01 Key results

- Unified, high-performance setup: Docker and Kubernetes infrastructure.
- Optimised infrastructure hosting costs.
- Improved infrastructure security through a granular, unified approach.



“By opting to streamline our Kubernetes infrastructure and virtual machines on Nutanix and OVHcloud, we aim to bolster security, elevate service quality, and achieve significant cost savings.”

– Frédéric Boisseau, CIO at Profideo

About Profideo

Sector:

Insurance, software

Headcount:

80

Location :

France

Solutions :

- Nutanix on OVHcloud
- Nutanix AOS
- Nutanix AHV
- Nutanix Kubernetes Engine
- Nutanix Flow
- Nutanix Prism
- Nutanix Files

Applications :

- Kubernetes
- Docker

02 Challenge

Profideo specialises in creating SaaS and IaaS solutions for the insurance sector (insurers, brokers and comparators). The company currently manages and hosts over a hundred applications on its infrastructure, in partnership with top cloud providers on the market. Profideo's applications provide business intelligence by analysing insurance contracts across legal, commercial, and competitive sectors, which requires it to manage large amounts of data. Adopting a cloud-native strategy early on, the company utilised Docker, Kubernetes, and CI/CD pipelines to offer its customers scalability and optimal performance. However, the use of different providers for hosting and managing infrastructure eventually led to operational, security, and cost challenges.



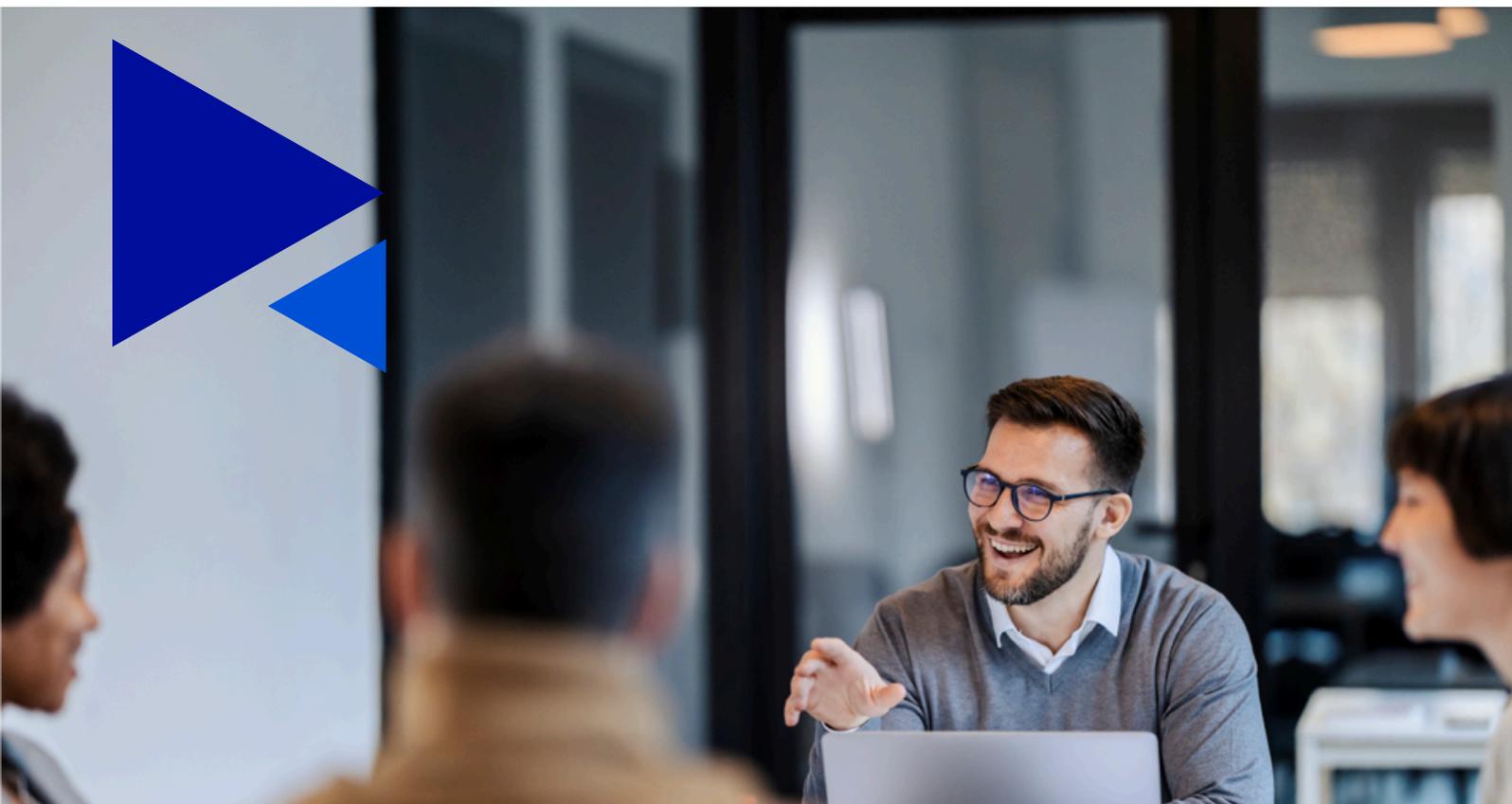
03 Solution

Already familiar with Nutanix, Frédéric Boisseau opted for OVHcloud's cloud platform to host Profideo's virtual machines and Kubernetes clusters, managing them via Profideo's in-house Nutanix Kubernetes Engine distribution. Profideo has also chosen to host its entire infrastructure with OVHcloud.

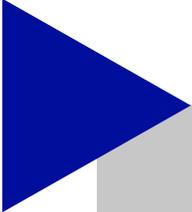
“Managing an infrastructure is outside our area of expertise. Besides, OVHcloud offers strong data hosting and management guarantees. The combination of Nutanix and OVHcloud allows us to zero in on our core objectives: developing and deploying new services, as well as managing quality and performance. Infrastructure and hosting problems are no longer a concern”, says Frédéric Boisseau. To support its needs, Profideo deploys two Kubernetes clusters, each with a 30 TB capacity, distributed across two separate datacentres. They are linked and redundantly connected via a 50 GB/s link for resilience. “Storage was not our priority; instead, we were more concerned with having large vCPU and memory capacities, to ensure optimal cluster performance”, says the CIO.



To deploy a relevant solution, Profideo uses Nutanix on OVHcloud, which combines OVHcloud's dedicated, Nutanix-qualified Hosted Private Cloud infrastructure with Nutanix Cloud Platform licences. For infrastructure, the company mainly utilises Kubernetes Engine and AHV (Nutanix hypervisor) to host Kubernetes clusters and virtual machines, along with Nutanix Files for file storage, Nutanix Flow for microsegmentation, and Nutanix Prism for overall management. Lastly, Profideo deployed Cloudflare to add a unified security layer across its entire cloud-native infrastructure. "Our security measures in the past were ad hoc, bouncing between firewall-based IP filtering and proxy-level protocols. The shortcomings of this approach underscored the need for a single, streamlined system to manage the entire infrastructure." – Frédéric Boisseau, CIO, Profideo.



04 Result



By using OVHcloud to host all of its applications, Profideo aims to centralise its hosting and significantly cut costs. “We are achieving so much more with the same budget envelope as before. We also have a clearer understanding of our resource consumption, helping us to significantly improve our efficiency, infrastructure performance, and service quality”, says Frédéric Boisseau. The company’s multi-cloud setup also provides surge capacity to easily absorb unexpected increases in workload.

From a security perspective, choosing Cloudflare and Nutanix Flow allows Profideo to take a centralised approach to managing its entire infrastructure, using both virtual machines and containers. “The decision to choose OVHcloud wasn’t made without careful consideration, as our customers entrust us with sensitive data. Relying on a French hosting provider with SecNumCloud qualification and guaranteed France-based data residency offers a major competitive edge”, says the CIO.

05 Going forward

“We are in the final stages of deploying the first cluster, which will serve as a trial run before upgrading the entire infrastructure. We will need to replatform to adapt our Kubernetes clusters to Nutanix Kubernetes Engine, which should be relatively straightforward”, says Frédéric Boisseau. Our challenge lies in ensuring the development teams, who are very supportive of this project, have access to the new infrastructure. They will be able to independently manage the needed resources while controlling costs.

The acquisition of Profideo by Minalea in late 2023 solidified their joint expertise, strengthening their commitment to innovation within the insurance sector. Find out more: www.minalea.com

A WORD FROM THE PARTNER: SKILL PARTNER

“Profideo’s project integrates the latest cloud-native infrastructure technologies, underscoring Nutanix, OVHcloud, and our own capabilities to tackle these challenges with practical, effective solutions. Beyond consulting and integration, our role asMSP during the project included managing monitoring services and the automated BCP switchover via Prism.” Arnaud Semont, Pre-Sales Director, Skill Partner.

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