

**Objective**

To implement a comprehensive ready-to-use solution to industrialize the processing of Big Data and AI

Approach

To sell its solution to its customers, Saagie is aided by the reliability and performance of the HPE Moonshot system

IT Matters

- Fully-packaged solution
- Installation for customers within 48 hours
- Performance gains thanks to the computing power of the HPE Moonshot system

Business Matters

- Global presence of HPE in terms of support and logistics
- Availability of pre-installed algorithmic modules
- Commercial and marketing actions via the Partner Ready for Service Provider (PRSP) program

Saagie is speeding up Big Data projects and AI with its DataFabric

Saagie simplifies data processing with the help of HPE Moonshot



To meet the growing needs of projects involving Big Data and Artificial Intelligence, Saagie has developed an open source solution based on the performance of the HPE Moonshot system. With this set, companies will be able to extract, prepare and work their data securely on an industrialized platform dedicated to data science.

Challenge**A turnkey solution to industrialize Big Data and AI projects**

In a world where 80% of data science projects never make it to production, companies struggle to create value from their Big Data and AI initiatives for each of their teams and within acceptable timeframes.

To deal with this situation, Saagie, started in 2013, has created a platform which allows these Big Data projects to quickly be brought into production and to load AI in company applications in the service of its business. It may extract, prepare and process the data securely with appropriate data governance in compliance with regulations in place.



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– Jérôme Tredan, general director, Saagie

“This is a data science industrialization platform based on distributed architecture and an open source base which brings together the technologies and skills of data scientists, data analysts and IT teams,” explains Jérôme Tredan, general director of Saagie. Ready-to-use, fully managed and kept up-to-date, this platform, known as Saagie DataFabric, is an assembly line facilitating data extraction, processing and the creation of machine learning algorithms with the best of the Big Data and AI open source technologies.

Solution

Combining open source applications and the HPE Moonshot system

Although the product is particularly effective, it was initially used on mainstream IT equipment. “But in 2017, when working with a CAC 40 customer, we wanted to move to a higher level with professional tools,” points out Jérôme Tredan. And after studying all the solutions on the market, Saagie opted for HPE through its Moonshot solution which was the only provider to meet all its criteria in terms of technical characteristics, reliability and support.

For Saagie, HPE Moonshot is a range of servers with capabilities suitable for supercomputing and specifically adapted to Big Data and AI problems. The immense interest in this all-in-one solution is that it includes servers for distributed computing in the form of cartridges based on Intel® Xeon® Processor E3 v5, storage and networking. Saagie adds its own open source software stack to this to create a complete and customizable solution.

Benefit

A 100% packaged, reliable and scalable solution

With this type of equipment, performance gains are immense. “Twice as many processor cores, four times as much RAM and 100% SSD storage allows us to improve the speed of the centralized and distributed speed calculations by a factor of 3 to 4,” says Jérôme Tredan.

In addition, a customer deciding to assemble a similar solution by itself with IT engineers, network specialists, data scientists and data analysts would need a period of 18 months. With the Saagie and HPE Moonshot software tools, the same project is completed in two days, the time required for the installation of the platform in the form of an appliance (chassis) for the customer. And to complete the package, Saagie provides several algorithmic modules developed internally or by technical partners for processing Big Data and adding AI.



Customer at a glance

Hardware

- HPE Moonshot

HPE Pointnext services

- HPE Foundation Care

“Customers want to focus on their business via an easy to install data processing solution. HPE Moonshot combined with Saagie is the perfect solution.”

– Jérôme Tredan, general director, Saagie

As an example, the Matmut Group in the insurance sector and the Caisse d'Epargne bank use the Saagie solution for their digital transformation. It allows them to offer 360° analysis of customer experience, analyze “churn” (attrition), target customers to offer them solutions best suited to their profile, detect fraud or anomalies, etc.

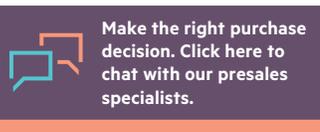
“These days, customers want to reduce time spent on value creation and focus on their business by using an easy-to-install data processing solution,” adds Jérôme Tredan, “and HPE Moonshot combined with Saagie is the perfect solution.”

A win-win partnership

Installed in France, San Francisco, and soon in New York and London, Saagie is part of the HPE PRSP program and is currently one of the leading retailers of HPE Moonshot solutions in France and internationally. Thanks to this program, Saagie is now able to help HPE promote its offer through marketing and sales campaigns.

Saagie also benefits from the HPE network and global presence in terms of logistics and support and from HPE Foundation Care service. HPE Pointnext can solve problems with servers, storage or the network.

Learn more at
[**hpe.com/servers**](https://hpe.com/servers)



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