



About Customer

The Solidéo is one of three government agencies created for the Paris 2024 Games. In charge of financing, supervising, and delivering the facilities and development operations for the Games, it is working with 29 project managers on 62 projects.

<https://www.ouvrages-olympiques.fr/fr>

Geo

EMEA

Industry

Public Sector

Solution Area

Accelerate Core Applications
Modernize Data Protection

Products in Use

Pure Storage® FlashArray™
Evergreen Storage™
Pure1®

The Solidéo Sets Course for Paris Olympic Games with Pure

The Solidéo (Société de Livraison des Ouvrages Olympiques) has one mission: to deliver the necessary infrastructure for the Paris Games in 2024. It's a large-scale effort that requires the organization to scale-up rapidly and meet stringent deadlines while maintaining its high ambitions to build world-class buildings for the high-profile international event.

As CISO-CIO of the Solidéo, Marc Duong has two important objectives: to keep construction data secure to ensure building safety and quality and to meet the sustainability targets of the Olympic Games committee by choosing the right technology. With Pure Storage, he has found the ideal partner to help him meet these challenges.

"Pure is truly a premium-quality, yet affordable storage solution that adapts very easily to our needs for rapid scalability."

MARC DUONG,
CISO-CIO, SOLIDÉO

Impact on Solidéo



Supports high-quality and on-time delivery of Olympic Games venues



Makes it easy to keep up with expected data growth by 2024



Helps ensure the security of the Olympic Games facilities

Challenges



Support growing volumes of data as Solidéo races to complete venues on time



Satisfy sustainability targets to limit the carbon footprint of the Games



Protect integrity of construction data to keep buildings safe and secure

Results



Provides scalability for a 7,700x increase in data volume by 2024



Installed FlashArray in four days to start preparing for the Olympic Games



Protects data against ransomware through efficient snapshots and backup

The Human Side of Data Security

As the Solidéo builds computer models of its construction projects, it generates a lot of extremely sensitive data—and it's increasing exponentially over time. "Protecting this data is a major human responsibility because the slightest modification can jeopardize the building's compliance with safety regulations and endanger the lives of future users," explains Duong. To keep the data safe, he needed a storage solution that could provide both scalable capacity and strong protection against ransomware.

Simple, Sustainable, and Secure—Essential for a Global Event

Following a public tender, the Solidéo chose Pure Storage. "Pure knows better than anyone else how to integrate new technologies into its storage solutions while maintaining simplicity, which suits our small IT team of three people perfectly," says Duong. "In addition, the hardware is technically superior to that of other vendors and is in line with our commitment to environmental sustainability. Pure Evergreen Storage allows us to upgrade our storage capacity non-disruptively—without changing hardware or questioning our initial investment."

It took the Solidéo only four days to install Pure FlashArray, conduct testing, and train users—a critical concern for a highly visible international event such as the Olympic Games. "It's an amazing feat that no other vendor can match," Duong says. "Thanks to Pure's storage capacities, we expect to be able to multiply our data volume by 7,700 times by 2024, and thus support the inevitable exponential growth of data from our building information modeling (BIM) imagery."

Plus, Pure provides reliable data protection that mitigates cybersecurity concerns. "Faced with the increasing risk of attacks, I was looking to guarantee the protection of our data in terms of backups and against ransomware," says Duong. "I chose to protect them more efficiently by using storage technology rather than servers, and by taking snapshots very regularly with Pure."

Pure Offers the Solidéo the Best Technology to Succeed

"With Pure, we have the best possible conditions to deliver the Olympic Games venues on time, thanks to the performance of its storage and data protection capabilities," says Duong. "Pure is truly a premium-quality, yet affordable storage solution that adapts very easily to our needs for rapid scalability."

In the future, the Solidéo may acquire a second Pure Storage array for its business continuity plans.

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