



Highlights

Challenges

- Operational constraints and inefficiencies from reliance on magnetic tape backups
- Limited protection against data loss due to lack of immutability
- High administrative overhead and frequent need for on-site maintenance

Solution

- Scality ARTESCA sovereign and immutable S3 object storage
- Seamless integration into Icade's existing infrastructure
- Rapid deployment achieved through Scality support and rigorous preparation

Results

- Immutable daily and monthly backups are now centralized on ARTESCA
- Elimination of tape management constraints and manual air-gaps
- Simplified administration, responsive support, and reduced team workload
- A reliable technology building block supporting sustainable digital transformation

CASE STUDY

Icade modernizes its backups and strengthens the digital resilience of its infrastructure with Scality ARTESCA



Alexandre FAURA
Infrastructure Architect – Icade

Icade is a leading French real estate investment and development company specializing in commercial and residential projects with a strong focus on sustainable urban environments. As part of the Caisse des Dépôts group, Icade is committed to building the city of 2050: a strategic and environmental roadmap focused on transforming real estate activities to achieve low-carbon construction, preserve biodiversity, and develop sustainable, mixed-use urban neighborhoods. Digitalization plays a central role in this mission, with hybrid cloud, automation, and collaborative tools supporting business performance.

Challenges

Securing and modernizing backups at the heart of urban transformation

Within its department of Information Systems and Digital (DISN), Icade infrastructure teams had a clear objective to improve the reliability and simplicity of critical data backups, while reducing manual interventions.

At the time, backups relied on magnetic tapes and a mix of tools, resulting in complex and time-consuming processes.

"We wanted to create a third backup copy that is centralized, high-performance, and immutable."

Alexandre Faura, Infrastructure Architect, Icade

“For organizations still hesitating, I would highlight the simplicity of administration, reliability of support, and the significant reduction in on-site interventions that we experienced.”

Alexandre Faura,
Infrastructure Architect, Icade



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Solution

A rigorous approach, controlled deployment, and seamless collaboration

After evaluating several options, Icade selected Scality ARTESCA for its robustness, data sovereignty, and compatibility with hybrid environments.

“Scality’s reputation in the object storage space, along with its ability to deliver a scalable and easy-to-manage solution, were decisive factors,” says Alexandre Faura, Infrastructure Architect, Icade.

The implementation was carefully planned and executed. All prerequisites were defined and validated in advance with Scality’s teams, enabling a fast, smooth deployment with no disruption or incidents.

Results

Sovereign, immutable and hassle-free backup

Thanks to Scality ARTESCA, Icade has now centralized its immutable backups on a modern, sovereign S3 platform.

What once required weekly tape handling, physical air-gapping, and ongoing manual intervention is now replaced by automated daily and monthly backups that are instantly accessible and protected against tampering.

The benefits are clear:

- Greater operational confidence, with more efficient and streamlined workflows
- Simplified administration through an intuitive interface and minimal daily oversight
- Significant time savings by eliminating tape handling and manual processes
- Responsive, high-quality local support trusted by the Icade team