Charting the Digital Horizon: Skidmore, Owings & Merrill's Architectural Leap with Frame

SOM

Industry: AECD   **Dizzion Solution:** Flex   **Infrastructure:** AWS
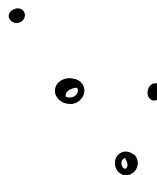
DIZZION

aws

![Dizzion logo]

The Overview

Skidmore, Owings & Merrill (SOM), a globally acclaimed architecture, engineering, and planning firm, renowned for iconic structures like the Burj Khalifa and One World Trade Center, embarked on a groundbreaking digital transformation journey. Fueled by innovation and sustainability, SOM sought to revolutionize its end-user computing, marking a significant shift in their approach.

The Challenge

SOM operated without a presence in the public cloud, relying on high-end GPU workstations across their global offices. The catalyst for change emerged when Rob DeMillo, CTO, joined SOM, leading to a collaborative effort with Jilbert El Zmetr, SVP of Technology & Engineering. Their ambitious goal was to transform SOM into the first entirely cloud-based architecture and engineering fi firm.

SOM faced the challenge of migrating from on-premises infrastructure to AWS while adopting Frame's Desktop as a Service (DaaS) model. The urgency escalated due to the pandemic, emphasizing the need for a swift and comprehensive transformation.

The Solution

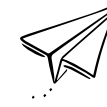SOM's digital transformation strategy focused on three key pillars:

- SOM Fabric: A geo-distributed file system facilitating real-time access to large data stores, laying the foundation for a seamless migration to the cloud and DaaS.

- SOM Stream: Powered by Frame, it replaced high-end workstations with lightweight Samsung Chromebooks, offering a sustainable and cost-effective infrastructure. SOM Stream proved instrumental in maintaining operations during the pandemic.

- SOM Spin: Integrating Slack with Frame, SOM Spin enhanced end-user awareness of resource utilization, allowing users to extend Frame sessions as needed.

Delivering Work as an On-Demand Experience:

SOM's adoption of Frame revolutionized the work experience, enabling on-demand access from any device. Frame optimized computing resources for each user's specific needs, promoting collaboration and productivity across global studios.

Creating a Sustainable Future:

SOM's digital transformation not only streamlined operations but also contributed to sustainability goals, leading to net-zero energy operations. With a focus on reducing their carbon footprint, SOM's shift to a more sustainable infrastructure showcased their commitment to environmental responsibility.

Looking Ahead

SOM continues to optimize AWS infrastructure costs while improving session performance, maintaining a forward-thinking approach to technology. Their digital evolution, marked by Desktop as a Service, positions them as leaders in the architectural industry, ready to embrace the future of work and sustainable practices. As SOM shapes skylines worldwide, their commitment to innovation reflects in every aspect of their business.

Direct Contact

Sales Inquiries:
888-225-2974 Opt. 1
sales@dizzion.com

Social