



# Ensono Cloud-Connected Mainframe for AWS

Accelerate your journey to cloud



Many organizations struggle to modernize their IT estate and migrate mainframe workloads to the cloud. Application dependencies, network latency, datacenter constraints, team expertise all pose challenges to achieving a fully integrated cloud-first Hybrid IT solution that spans mainframe to cloud. Ensono has the expertise across legacy and modern cloud platforms to provide a seamless solution that enables your cloud transformation strategy. All within the Ensono Flex® commercial model which eases your investment requirements and supports your financial strategy.

## Enable Transformation with Ensono Cloud-Connected Mainframe for AWS

Ensono's Cloud-Connected Mainframe for AWS solution offers an Ensono hosted mainframe in a Tier III datacenter, all with a high-speed network fabric connected into AWS. This integrated solution provides low-latency connectivity to enable your modern application architecture and a seamless path into cloud. Ensono's expertise across mainframe, cloud, and consulting brings the resources and capabilities to support and accelerate your transformation journey.

### Solution Overview

- **Evacuate your current data center** - supporting your CAPEX and OPEX goals
- Minimize stranded capital - moving into the **Ensono Flex®** commercial model
- **Modernize your application architecture** - integrated mainframe to cloud solution
- Enable workload and data portability
- **Mitigate risk** and provide workload extensibility - scale up or out as needed
- Reduce migration risk and improve application delivery speed, with **2-3 ms of latency** from AWS connected data center to AWS US East onramp
- **Accelerate your x86 workload migration to AWS** while maintaining high-speed access to your mainframe infrastructure and applications
- Leverage AWS to backup, store, transform, and analyze your mainframe data
- Take advantage of AWS flexibility, security, and consumption models for your mainframe-adjacent applications

70%

Of the hybrid executives plan to leverage the hybrid cloud to improve the integration and effectiveness of legacy systems  
(IBM IBV Survey)

75%

Of enterprises using mainframes are interested in cloud integration and migration

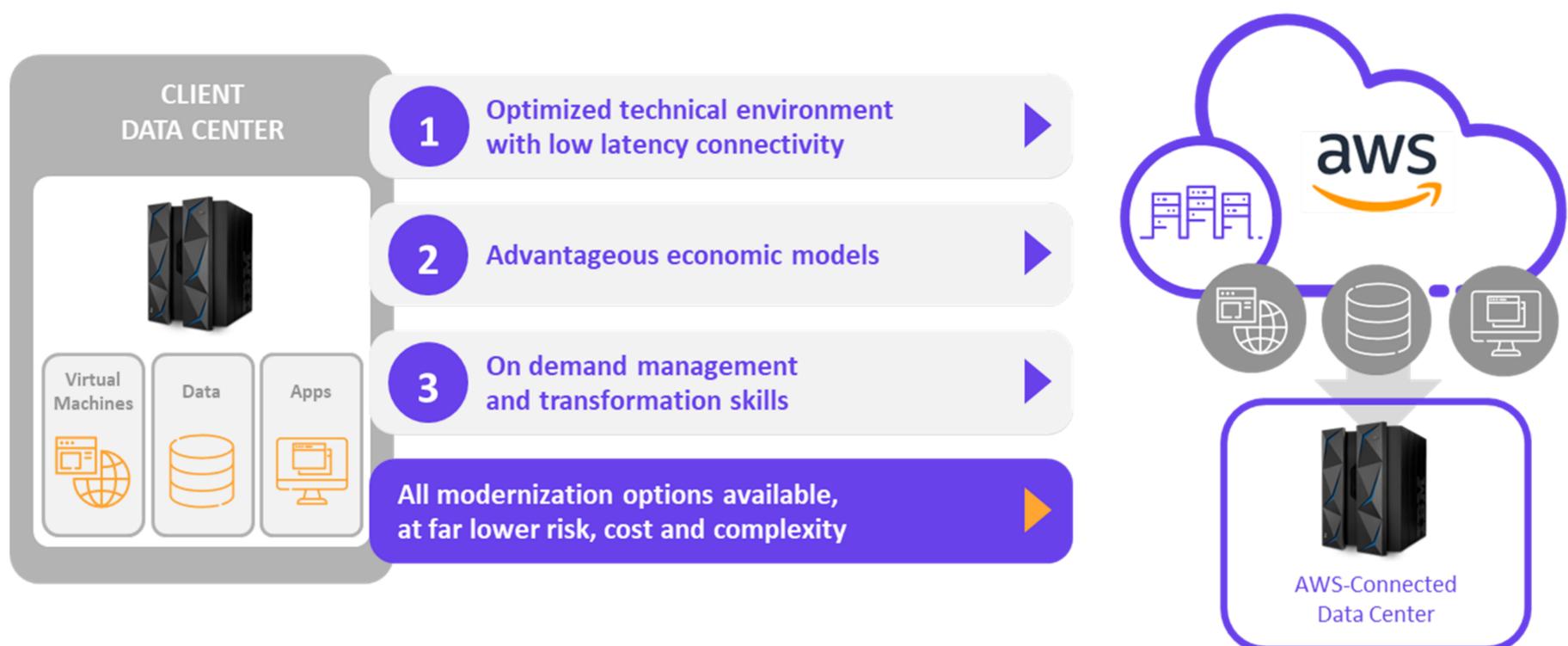
88%

Of Fortune 500 companies are concerned about their skills gap in their mainframe teams  
(VansonBourne)

## Capabilities

Ensono's Cloud-Connected Mainframe for AWS solution brings the following capabilities:

- **Low latency connectivity** – Leveraging AWS Direct Connect to ensure that the mainframe and AWS workloads can communicate as though they are sitting in the same data center. The high-speed network fabric has been designed to support 2-3 ms latency for communication between the AWS connected data center and the AWS US East onramp.
- **Ensono Flex®** - Ensono is the only service provider with workload portability built into all contracts. With Ensono Flex® you can migrate workloads across platforms at any point in your contract without penalty allowing you to continue to transform your applications in support of your hybrid cloud journey.
- **Ensono's mainframe and cloud expertise** - Ensono brings depth/breadth of experience in migrating, running, and optimizing mainframe and cloud environments. We start with mapping out your business, financial, and operational goals to determine a proper phased approach to evolve from your current state to desired future state model. We run all environments with structured ITSM/ITIL based best practices, improving efficiency, security, and reliability with your Hybrid IT operations.
- **Access to Ensono Cloud-Connected Mainframe for AWS lab environment** - Provides access to a Proof of Concept (POC) lab environment to test key use cases, validating functionality prior to deployment. The lab is built with new IBM hardware and software, cloud connectivity, and an AWS environment to help you prove out key performance metrics, including latency between the mainframe and cloud applications.
- **Application and data modernization driven by Ensono** - Ensono combines 20+ years of experience and our AI automation toolchain to convert your legacy mainframe application code and datasets and migrate them to more modern platforms. We have a proven modernization framework that ensures that your application modernization projects are successful and deliver the required business outcomes.



## Benefits



**CyrusOne and Ensono:** Combining CyrusOne's worldwide data center footprint and Ensono's mainframe and cloud expertise. With this partnership of KKR owned companies you get the scale and expertise needed to deliver a best in class solution to meet the needs of your global business.



**Cost Savings:** Move from CapEx to OpEx for your mainframes and associated infrastructure allowing you to free up budget for other core business initiatives. Leverage Ensono's managed services to reduce your costs for running legacy and cloud environments, with on-going optimization included in our service offering.



**Scale and Flexibility:** Ensono's mainframe solution allows you to scale mainframe capacity up and down as needed so you consume fewer resources. AWS gives you the flexibility to move applications into the cloud and to transform those applications in the future.



**Innovate and Optimize:** With the mainframe connected to the cloud more options to innovate and optimize are available. Applications can be transformed to take advantage of cloud services. New applications can be built in the cloud from the start. All paths to modernization are open and Ensono can help guide you on that journey.



**Maximize the Value of Mainframe Data:** Use cloud-based tools to transform mainframe data in the cloud to help you drive intelligent decisions and enable innovation. Mine your data faster, easier, and more cost effectively. Turn data into insights and into a competitive differentiator for your business.

## Ensono Cloud-Connected Mainframe for AWS Architecture

AWS-Connected Data Center

AWS Data Center (Close Proximity)

