Where to next for your mainframe?

The journey to cloud connectivity

Adopting Ensono's Mainframe-as-a-Service (MFaaS) is the first step in future-proofing your mission-critical infrastructure. Once you're with us, we can help you realize the vision of a truly modern, cloud-connected mainframe. Are you ready to unlock new opportunities for innovation and growth?

You are here:

About to reap the benefits of MFaaS

Whether remote or fully hosted, Ensono's Mainframe-as-a-Service (MFaaS) is a game-changer for many organizations, enabling high availability, security, and performance for your mission-critical mainframe workloads.

- **Reduce IT and operational costs.**
- **Scale services up or down as needed.**
- **Support ESG targets by moving into our data center.**

Target destination:

True cloud connectivity

The ability to connect your mainframe and cloud environments could differentiate your business. This integration allows you to leverage the strengths of both platforms for seamless data flow, enhanced performance, and cost efficiency.

- **Reduce latency:** Move your physical mainframe footprint into a cloud-connected data center to achieve better application performance and improve latency.
- **Cut costs:** Certain data centers offer optimal cost efficiency for both uploading and downloading data.
- **Offset costs against cloud commitments:** Leverage cloud provider commitments, such as Microsoft Azure's Cloud Consumption Commitment (MACC) Commitment for significant cost advantages.
- **Achieve near real-time data consistency** between mainframe and cloud.
- **Connect cloud applications to mainframe data:** Maximize the value of your mainframe data by ingesting it into the cloud to be used by cloud services. Standardized APIs connect mainframe data to the cloud, transforming it into a cloud-ingestible format.
- **Unify and standardize DevOps:** Create a single place for all your developers to build, test, and deploy code for both mainframe and cloud—using a single, unified workflow. Integrated DevOps enables a cloud-native development experience for everyone.

Did you know?

Ensono clients can often offset a portion of their mainframe managed service costs against their cloud consumption commitments for substantial savings.

Your path:

The Modern, Cloud-Connected Mainframe (MCCM)

MCCM creates a seamless and efficient mainframe-to-cloud environment through:

1 Cloud-connected data centers

Ensono's cloud-connected data centers are strategically located to optimize latency, cost efficiency, and connectivity for clients. These data centers provide seamless integration with major cloud providers like Azure and AWS. Advanced on-ramp technologies mean that data can be uploaded and downloaded efficiently, reducing the costs associated with frequent data transfers.

When's a good time to transition to a cloud-connected data center?
We recommend planning your transition to align with your next hardware refresh or data center contract end date. That said, we can help you implement many of these capabilities in your current data center.

2 Cloud data services

Cloud data services enable near real-time data consistency between mainframe and cloud copies.

For example:
A retail group updates stock in real time on the mainframe, but individual stores work from a nightly copy, causing outdated stock information for 24 hours. This mismatch leads to customer dissatisfaction when online stock availability doesn't match in-store stock. By implementing near real-time data consistency, the store's stock information stays up to date, preventing discrepancies and ensuring a seamless customer experience.

3 Hybrid cloud connectivity

Hybrid cloud connectivity—facilitated by tools such as IBM z/OS Connect—opens APIs in the mainframe environment. This allows hybrid and distributed applications to call for data using standard APIs, integrating mainframe data seamlessly into the broader IT ecosystem. Standardizing interactions through APIs simplifies maintenance and enhances security. Ensono can help you identify appropriate use cases and build out a proof of concept (PoC) to test their viability.

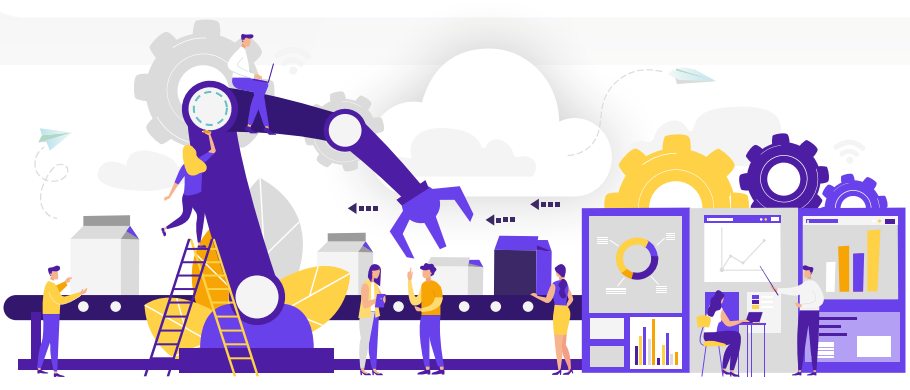
Did you know?

Using z/OS Connect, you can create standardized APIs that allow distributed applications to access mainframe data seamlessly, fitting into your organization's existing API lifecycle and simplifying interactions between the mainframe and other systems.

4 Integrated DevOps

Integrated DevOps is crucial for facilitating development for mainframe applications using distributed pipelines. This includes migration to Git and other tools that standardize processes and tooling across the IT organization. Ensono's Consulting and Implementation teams can help you integrate DevOps practices into your mainframe operations.

For example:
A large financial institution relies on a legacy mainframe system to manage its core banking operations. The system has become increasingly difficult to maintain and update due to its age and the complexity of its codebase. Using integrated DevOps, the bank can accelerate its time to market, improve collaboration and enhance operational efficiency.



Ready to get your mainframe heading in the right direction?
Mainframe-as-a-Service is just the beginning—start your journey toward a Modern Cloud-Connected Mainframe

Let's Connect