

Confidential Computing for Financial Services

Data Security and Privacy Concerns Hinder Cloud Adoption

As cloud computing continues to drive digital transformation, many industries are embracing its technology. However, the financial sector remains hesitant due to concerns about data security, privacy, and regulatory compliance. In fact, **only 15% of banks' workloads have moved to the cloud**, with many still relying on legacy systems and mainframes to process sensitive workloads. This results in slower innovation, lack of agility, and high costs.

Apps / Microservices CUSTOMER-OWNED SECURITY PERIMETER CODE DATA SECRETS **IaaS** CLOUD-OWNED SECURITY PERIMETER STORAGE COMPUTE NETWORK Anyone with access ...can exfiltrate your ...and can run secondary to compute... Code, Data, Secrets attacks on encrypted data

Root Access to Compute: A Significant Risk

Security in cloud computing is a shared responsibility between the provider and the customer. This introduces new risks that financial leaders cite as obstacles to moving to the cloud. While traditional security tools are important, they are no longer sufficient in a cloud environment.

Anyone with access to compute can extract code, data, and secrets, and launch secondary attacks on encrypted data. Therefore, it is crucial to find a solution that effectively bridges the gap in compute security.

Anjuna Seaglass Secures the Cloud with Confidential Computing

Anjuna Seaglass is the first Universal Confidential Computing Platform to run any application in any major cloud with complete data security and privacy. It creates trusted execution environments where your data is protected in every state — in use, in transit and at rest — and your code is always verified for authenticity, safeguarding the chain of trust. With Anjuna Seaglass, financial institutions can achieve data privacy and confidentiality, regardless of the cloud or geography in which their applications are running.

Anjuna Seaglass Makes Confidential Computing Simple

Anjuna Seaglass makes it easy for financial institutions to take their existing applications and deploy them across all major clouds in fully protected environments. Anjuna Seaglass covers the entire lifecycle of building, deploying, running, and trusting, and is compatible with multiple clouds, enabling institutions to securely and quickly achieve their cloud migration goals.

Apps / Microservices CODE DATA SECRETS

Application agnostic traditional + cloud native

TRUSTED

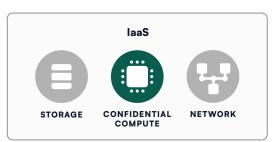
Anjuna Seaglass

Confidential runtime encryption + attestation

Infrastructure agnostic

aws

- UNTRUSTED -



Anjuna Seaglass creates a barrier to prevent upward access, neutralizing risks

What Financial Institutions Can Achieve with Anjuna Seaglass

Anjuna Seaglass can help financial institutions safely achieve a range of goals, including:

- Migrating regulated workloads, such as core banking applications or customer digital experience services, to the cloud to improve agility and scalability while addressing concerns over data security and regulations.
- Moving Operational Data Stores (ODS), often used in the data center to offload mainframe processing, to the cloud to scale, lower costs, and improve customer digital experiences while maintaining privacy and security.
- Analyzing customer data in the cloud to uncover valuable insights and drive growth.
- Simplifying and ensuring compliance with data privacy and sovereignty regulations.
- Building new, inherently secure cloud services that delight customers.
- Minimizing breach risk by securely handling data and secrets.
- Complying with new regulations that require data-in-use and forging trust for applications.



Get started with Anjuna Seaglass