

# anjuna

## Confidential Computing for Financial Services: The Ultimate Battle Armor to Charge Ahead

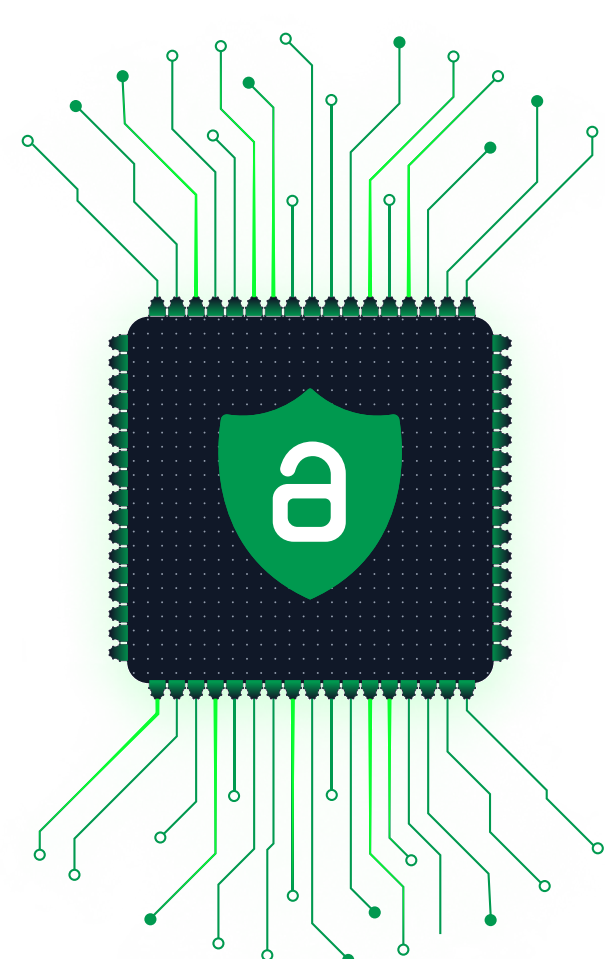
SOLUTION BRIEF



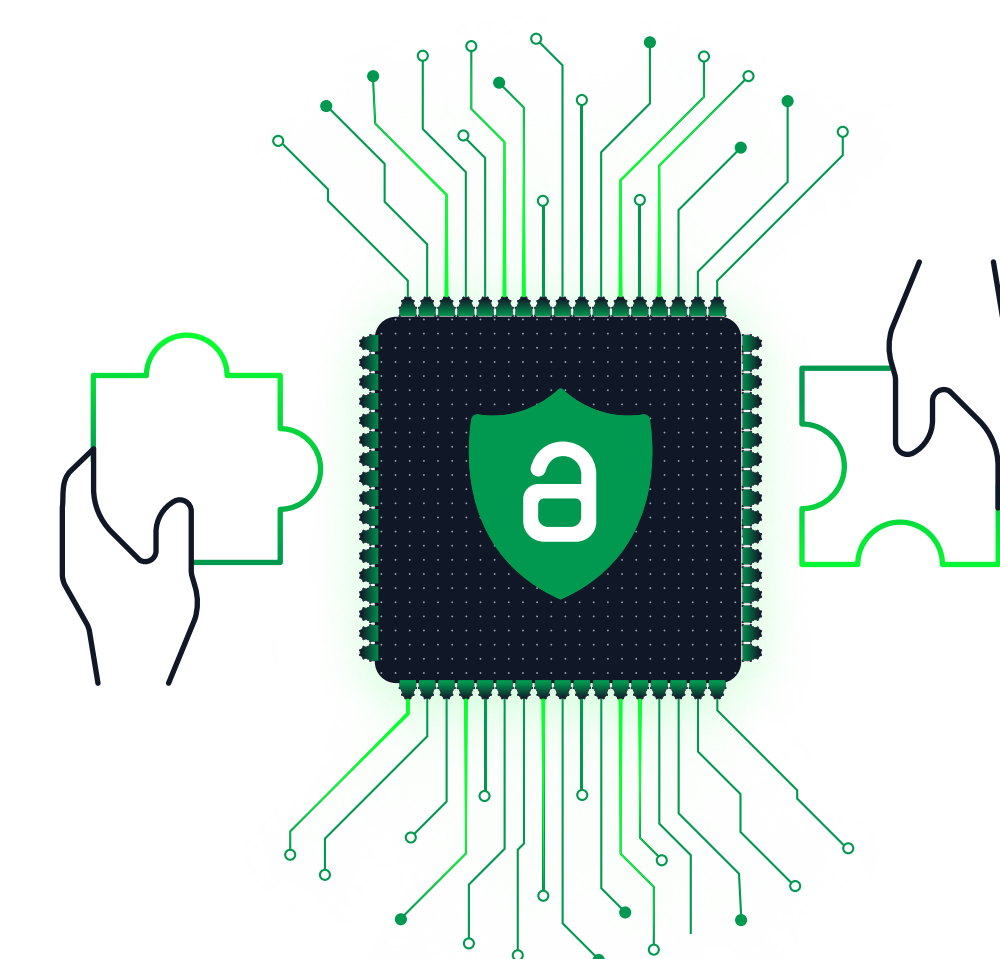
In the AI era, financial institutions face challenges integrating new cutting-edge technologies while ensuring robust security and regulatory compliance. Fundamental concerns about data privacy and security breaches hinder innovation. Traditional security measures are inadequate, leaving organizations in search of effective solutions to protect sensitive information.

Confidential Computing is the ultimate battle armor to unlock secure financial services innovation, protecting data and code at their core – *during processing* – using next-gen hardware already available with every cloud services provider. By isolating workloads in hardware-based, attested Trusted Execution Environments (TEEs) – *a segregated area of memory and processor that is protected from the rest of the processor* – financial institutions can guarantee data integrity, data confidentiality and code integrity. This improves decision-making agility, fosters secure innovation, and ensures regulatory compliance.

### Anjuna Solutions: The Shield and Spear to a Confidential Computing Armor



**Anjuna Seaglass™** is a Universal Confidential Computing Platform that transforms how financial institutions harness the power of AI in the cloud. By enabling secure processing of any application in any cloud, Seaglass enhances compliance, reduces operational costs, and accelerates time-to-market for AI-driven financial services, all while mitigating the risk of data breaches.



**Anjuna Seaglass™ AI Clean Rooms**, built on the Seaglass platform and in partnership with top-tier banks, enables out-of-the-box collaboration while protecting sensitive data and AI models. By facilitating safe data-sharing and analysis, it fosters innovation, enhances risk management, and ensures compliance with data privacy regulations, driving actionable financial insights without compromising security.

Your Battle Armor

**77**

Attacks in MITRE ATT&CK®  
Matrix instantly eliminated

To Charge Ahead

**90%**

Reduction in time to  
production

In Full Force

**>10X**

Performance gains with  
hardware-backed security

anjuna

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## Lead the Way with Universal Confidential Computing



### Confidential AI-Driven Investment Strategies

Financial institutions can deploy AI-driven investment strategies securely in the cloud. By protecting proprietary algorithms, models and sensitive data, banks can:

- Leverage advanced analytics to optimize investment portfolios and predict market trends
- Make data-driven decisions, enhancing their competitive edge and delivering better returns for their clients



### Free Data Sharing for Trusted Collaboration

By creating Confidential AI Clean Rooms, banks can freely share and analyze data with partners and other organizations without exposing sensitive information. This type of secure collaboration:

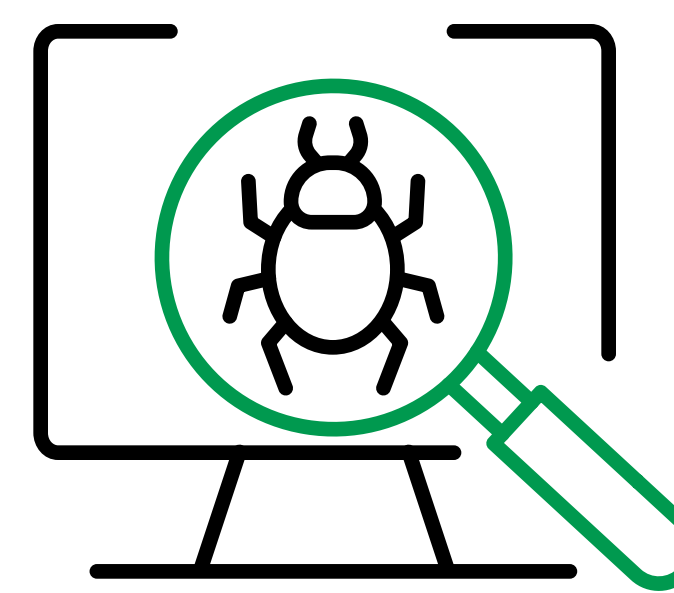
- Fosters innovation
- Improves risk management
- Generates new insights while maintaining strict data privacy and security controls



### Confidential Processing for High-Risk Instant Payments

By protecting transaction data and cryptographic keys during processing, banks can process payments quickly and securely. This capability:

- Reduces fraud risk
- Enhances the efficiency and security of financial transactions
- Ensures compliance with payment industry standards



### High-Precision Fraud Detection

By isolating and encrypting data in use, banks can leverage advanced machine learning algorithms to analyze transaction patterns and detect anomalies. By using AI capabilities these institutions can:

- Conduct real-time analysis with heightened efficiency
- Ensure sensitive customer information remains confidential



### Hassle-Free Customer Onboarding

Financial institutions can use AI to verify identities, assess risk profiles, and streamline the onboarding process while ensuring sensitive customer data is protected during processing:

- Enhances customer experience
- Reduces fraud risk
- Accelerates onboarding times



### Real-Time Credit Scoring

Use AI models for credit scoring while protecting sensitive financial data. By securely processing customer data, banks can generate accurate credit scores, assess creditworthiness, and make informed lending decisions:

- Improves risk management
- Enhances accuracy of credit scores
- Informs better lending decisions



### Migration of Core Banking Apps to the Cloud

With workloads protected by Trusted Execution Environments, sensitive data remains secure from third parties sharing the compute environment. Migrate workloads with confidence to:

- Enhance scalability
- Reduce operational costs
- Innovate more rapidly



### Simplified Regulatory Compliance

Securely aggregate, analyze, and report financial data, ensuring compliance – e.g. risk mgmt. (DORA, PRA SS2/21), cybersec. (CSF), data privacy (GDPR, CCPA). By using this secure approach, institutions can:

- Ensure full regulatory compliance
- Streamline and enhance reporting operations



Get Started



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