The Case for Confidential Computing

CONFIDENTIAL COMPUTING CONSORTIUM

Unites vendors, cloud providers, and developers to accelerate Trusted Execution Environment (TEE) technology and standards adoption.

CONFIDENTIAL COMPUTING

Enhances data security during use by performing computations within a hardware-based, attested Trusted Execution Environment.

CONFIDENTIAL COMPUTING

Secures data in use by performing computations in a hardware-based, attested Trusted Execution Environment.

CONFIDENTIAL COMPUTING USE CASE

Deliver Business Value: improve lives, discover new drugs, catch thieves, & protect data from tampering.

CONFIDENTIAL COMPUTING USE CASE

Enable Public Cloud Adoption: Securely deploy sensitive workloads in the public cloud, addressing data privacy & security concerns.

CONFIDENTIAL COMPUTING USE CASE

Expand into new markets: Enhance GDPR & HIPAA compliance by encrypting sensitive data and preserving border-restricted access.

CONFIDENTIAL COMPUTING USE CASE

Deploy Confidential AI: Secure models and data throughout their lifecycle, ensuring safe training, inferencing, & data privacy.

CONFIDENTIAL COMPUTING USE CASE

Protect AI Investments: Secure models and data, & control access "by third parties" or public cloud providers.

CONFIDENTIAL COMPUTING USE CASE

Build Better Campaigns, Engage New Customers: Deploy targeted campaigns, protect personal information, and **securely** share data to understand customer behavior.

CONFIDENTIAL COMPUTING USE CASE

Identify Suspicious Transactions: Meet & global banking regulatory requirements for customer privacy while pooling data to identify money laundering.

CONFIDENTIAL COMPUTING USE CASE

Save Lives, Improve Patient Outcomes: Detect disease faster, develop innovative treatment plans by securely analyzing patient data, while preserving privacy & meeting regulatory requirements.

CONFIDENTIAL COMPUTING USE CASE

Develop New Drugs: Protect patient data, ensure regulatory compliance, & maintain ethical standards while collaborating with research institutions.