



Trust. Data. AI.

Co-create new business with you, powered by Confidential Computing

Takeharu Kondo

Co-Founder & Executive Officer

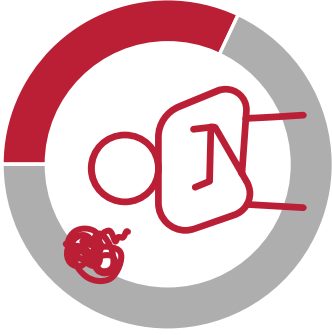
STRICTLY CONFIDENTIAL©Acompany Co., Ltd.

The Problem



Obstacles to Leveraging SaaS/AI for Business

Data Breach Risks



32% cite data breach risks
as a **barrier to cloud adoption**

<https://www.sourmu.go.jp/photos/sisintokei/whitepaper/jar/02/html/nd252140.html>

Security Matters in Healthcare



45% fear security risks
in **healthcare cloud systems**

<https://mnes-lookrec.com/news/40>

Confidentiality First in Finance



37% face confidentiality
Issues in Finance

<https://www.boj.or.jp/research/bp/fsr/data/fsr240130c.pdf>

Data Security Risks Limit Growth and Market Potential.

The Solution



Unlock the Full Potential of Data with Confidential Computing

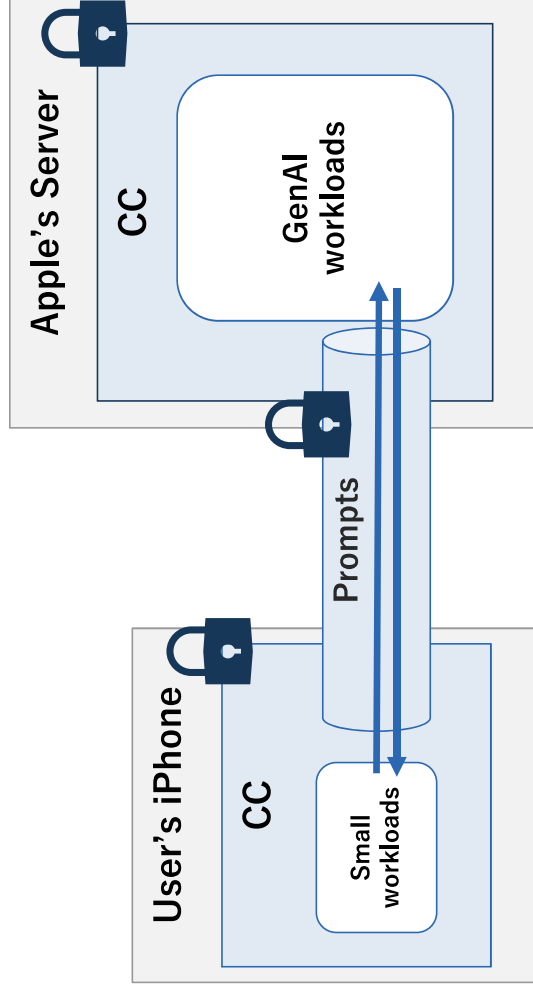


Keep all data safe while you use it.

The Solution Use Case



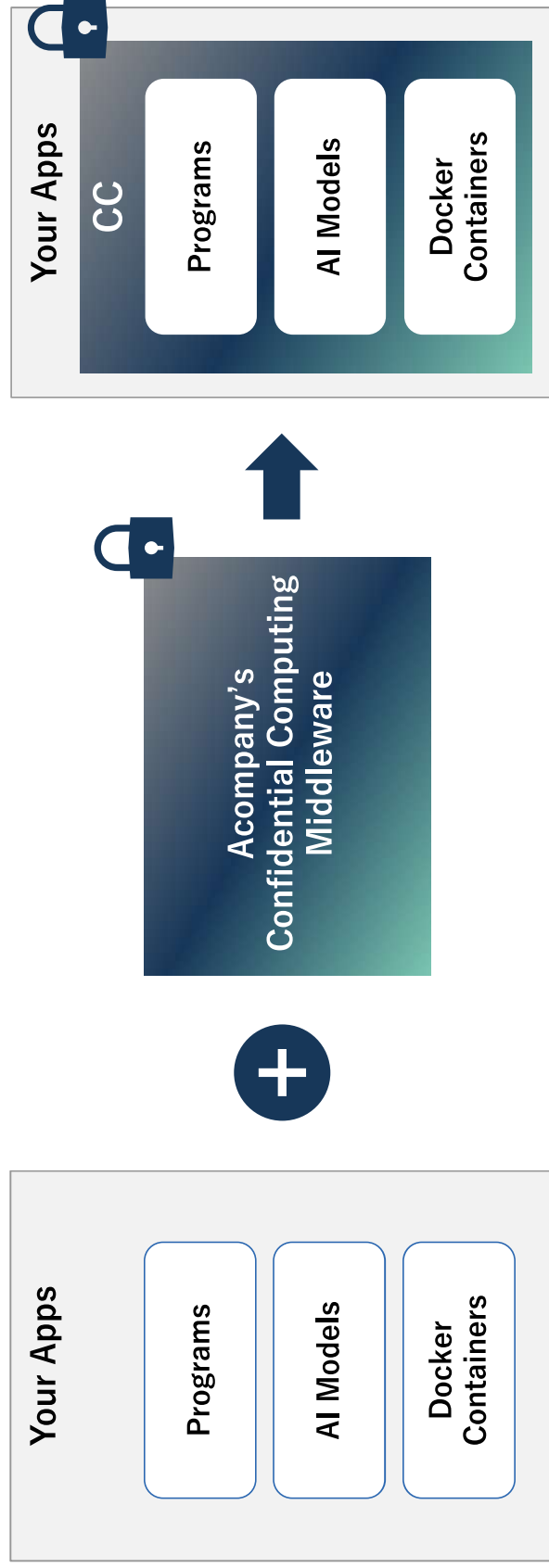
Apple uses Confidential Computing for their GenAI systems



Apple has no access to user's private prompts.

Our Product

Your App, Instantly Upgraded.



Retrofits your apps with data security, anytime.

Our Product

Our Core Product is Based on Joint Research with Intel Labs.



Securing Nested Attestation of Confidential Serverless Computing without Intra-Enclave Isolation

Atsuki Momose
Acompany Co., Ltd.
atsuki.momose@acompany-ac.com

Kailun Qin
Intel & Shanghai Jiao Tong University
kailun.qin@intel.com

Ao Sakurai
Acompany Co., Ltd.
ao.sakurai@acompany-ac.com

Mona Vij
Intel Labs
mona.vij@intel.com

ABSTRACT

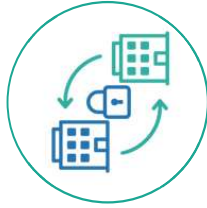
Confidential Computing-as-a-Service has gained significant attention in recent years, driven by rapid advances in Trusted Execution Environment (TEE) technology. Among various architectures, confidential serverless computing has emerged as a promising model. A common approach to designing confidential serverless computing involves decoupling the client workload from the initial enclave image and dynamically provisioning the workload at runtime. This enables both offloading the costly enclave bootstrapping and maintaining a fixed reference measurement for attestation. This decoupling necessitates *nested attestation*, where the client's workload is attested via a custom attestation module embedded in a platform-attested enclave established at boot time. The challenge in designing nested attestation, however, is to distinguish fresh

1 INTRODUCTION

Confidential Computing-as-a-Service (CCaaS) [7, 44] is a form of cloud service model where the cloud service provider (CSP) offers *secure enclaves*, typically backed by hardware-assisted Trusted Execution Environment (TEE) technology, allowing users to run workloads in an isolated execution environment that remains protected from system software, hypervisors, and even cloud administrators. Common TEE technologies include Intel SGX [11, 28] and Intel TDX [17], AMD SEV [3], and ARM CCA [24]. These technologies typically provide tamper-proof attestation features, allowing remote clients to verify both the hardware specifications and the exact software running within the enclave. This ensures remote clients can securely execute their workloads even against a potentially malicious CSP.

Our Traction

Trusted by Leading Enterprises



Data Collaboration



Digital Marketing

Hakuhodo DY holdings



Authentication

TOPPAN



Medical AI



名古屋大学医学部附属病院
NAGOYA UNIVERSITY HOSPITAL



東北大学病院



北海道大学病院
HOKKAIDO UNIVERSITY HOSPITAL



Manufacturing

Alxtal



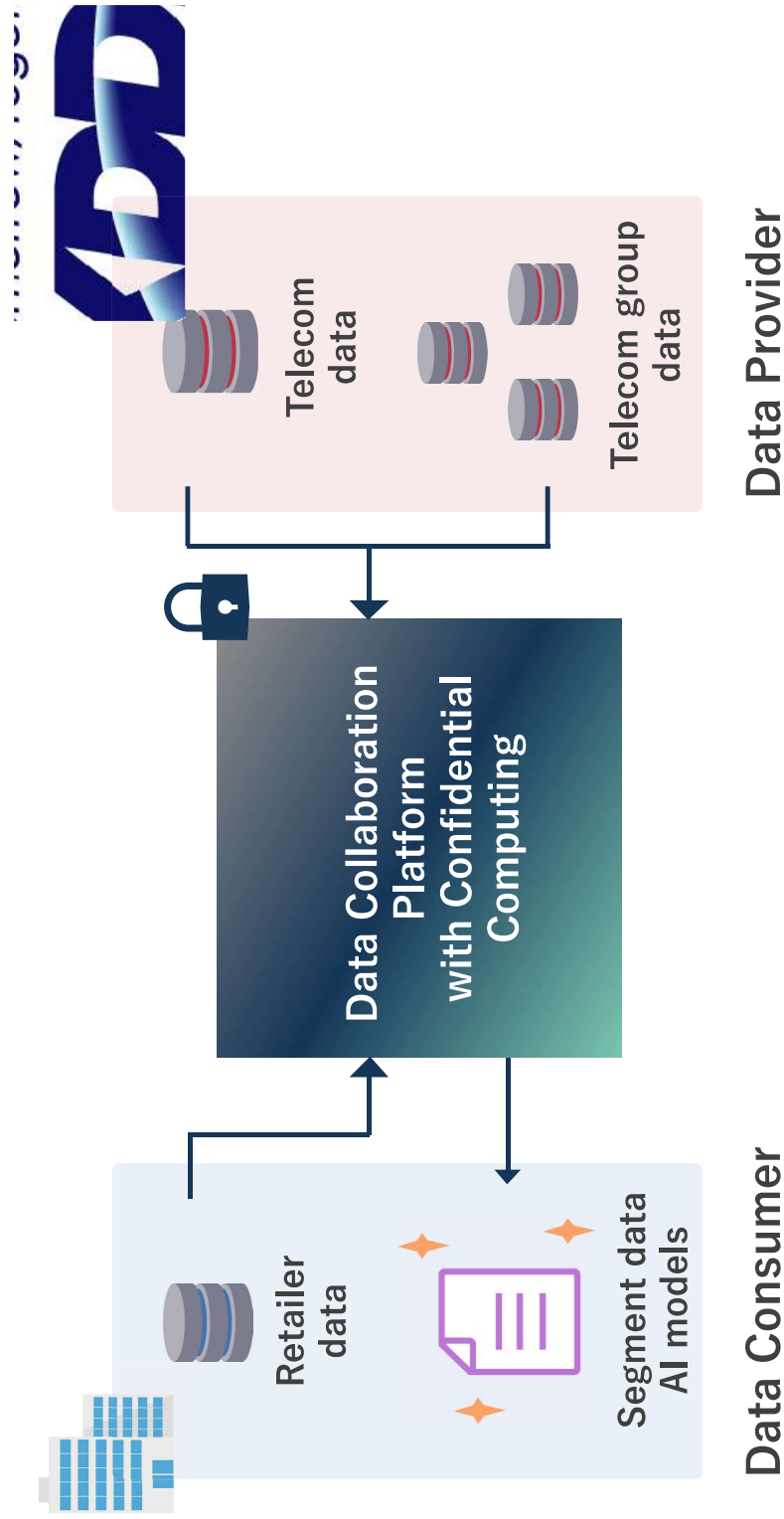
National Security

Major System
Integrator

User Case: Data Collaboration



The Telco Launched a New Data Business that Safeguards Data in Use.



User Case: Medical AI



Collaborative AI Model Training for Medical Research Use



名古屋大学医学部附属病院
NAGOYA UNIVERSITY HOSPITAL

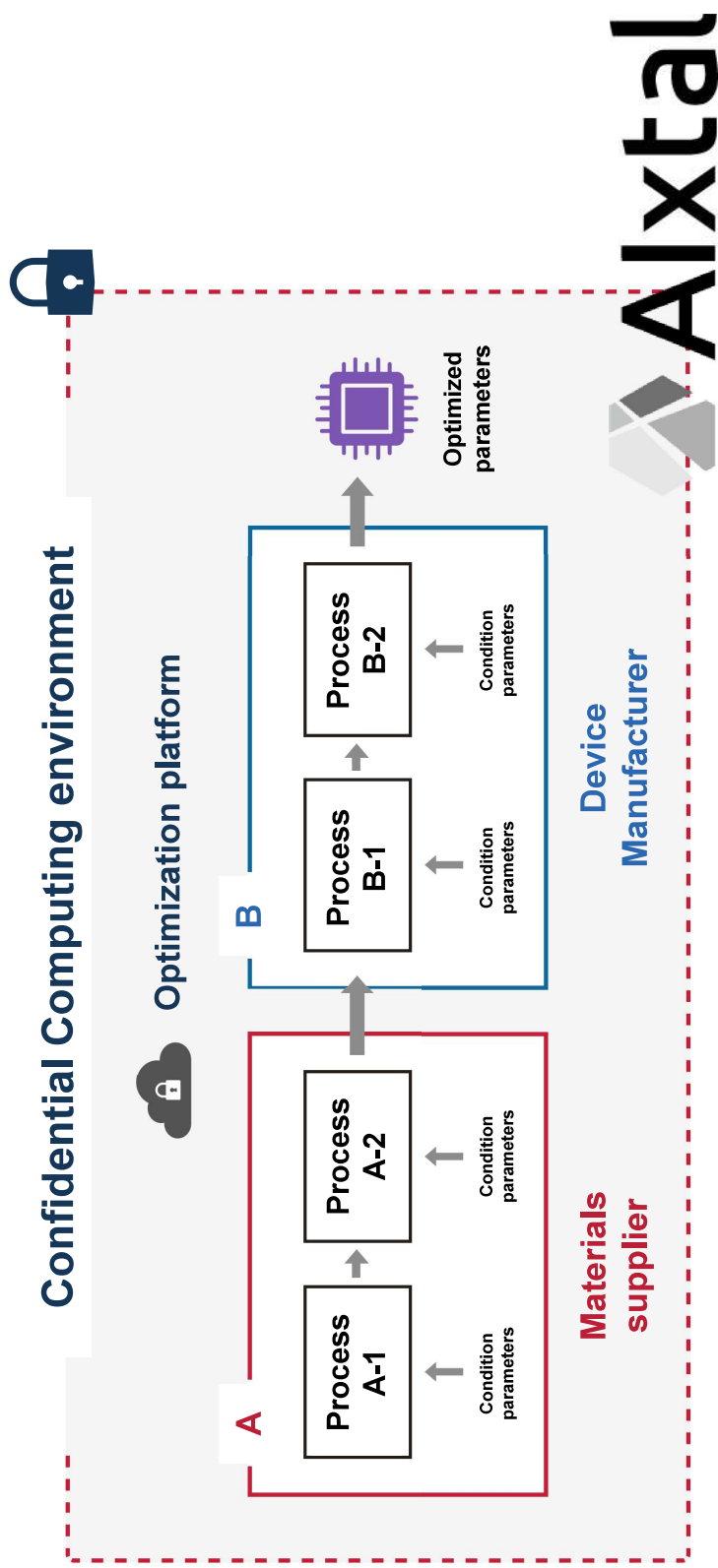


東北大学病院



北海道大学病院
HOKKAIDO UNIVERSITY HOSPITAL

Optimizing Manufacturing without Exposing Data and AI Models.



Why Acompany



Japan's Top R&D and BizDev Team in Confidential Computing

Managements

Engineers from Nagoya Univ./Nagoya Tech and ex-global consultants & mega bank members.



Ryosuke Takahashi



Takeharu Kondo



Reiji Sato



Raiki Tanaka



Hayata Sagasaki



Hiroki Hashimura

Confidential Computing R&D



Takao Takenouchi

- Leading experts in the CC
- NEC→Digital Garage→LINE Yahoo
 - Founded "Confidential Computing Research Group" and "DSA Confidential Computing WG"
 - Appointed to expert committees, including the Digital Agency



Atsuki Momose

- Former PhD Researcher at University of Illinois, and a top young researcher in Confidential Computing in Japan
- Ex-SECOM → University of Illinois
 - 5 first-author papers at ACM CCS for 4 consecutive years (Japan's top).
 - Selected as "CCS 2024 Top Reviewer."
 - Awarded "Illinois Distinguished Fellowship."
 - Received Ethereum Foundation Research Grant for Confidential Computing.



Ao Sakurai

- Japan's top CC Researcher
- Mitou Super Creator for TEE research
 - SecCamp National Instructor (2023-)
- Leading in security

Members

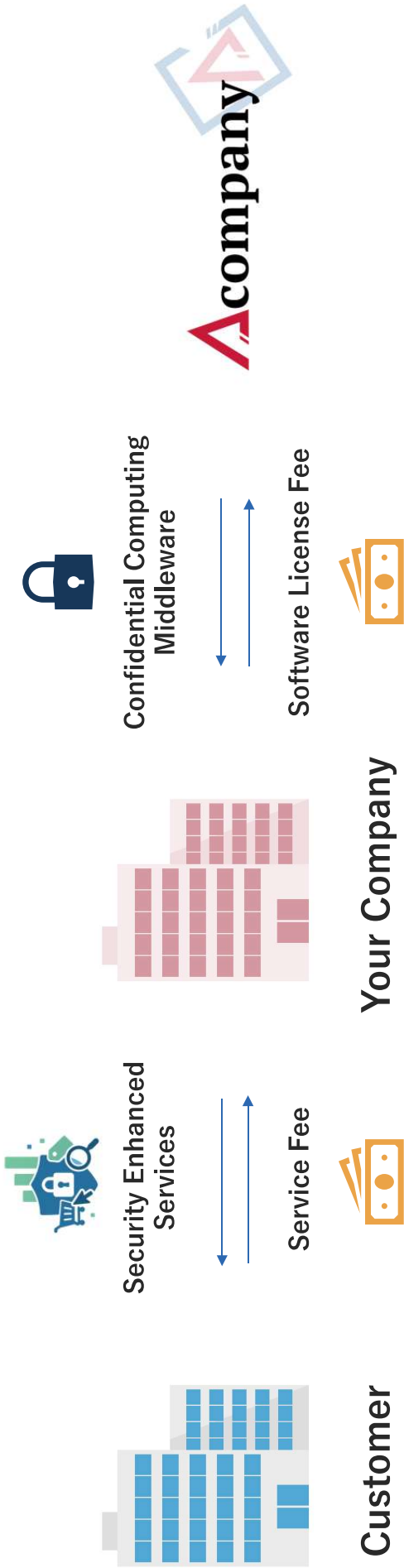


Security as Your Unfair Advantage

<u>Target Market</u>	<u>Our Joint Solution</u>	<u>Why We Win</u>
FinTech	Your FinTech App + Confidential Computing	Improve fraud detection by securely sharing financial data/AI without exposing them.
HealthTech	Your HealthTech App + Confidential Computing	Accelerate drug discovery for Pharma, protecting users' privacy.
National Security	Your National Security Solution + Confidential Computing	Protect National AI assets from Cyber Threats.

The Partnership Model

Co-Growth Model: Creating New Markets Together



The Special Offer 



A 2-Week “Zero-Risk” PoC.

1. Prepare	2. Deploy
• Choose one of your applications(Includes: Docker containers, Programs, AI Models)	• Our engineers will deploy them into a confidential environment.

3. Check
• Your team gets full access to test, validate, and benchmark the performance and security.

Try It Free for 2 weeks!

Next Steps

Let's Create the Next Step.

NDA

- To allow for a deeper technical and commercial discussion

Free PoC

- Jointly define the success criteria for the 2-week PoC.

Launch the Partnership

- And begin building the partnership





Thank you!

Takeharu Kondo
Co-Founder & Executive Officer

takeharu.kondo@acompany-ac.com

Appendix.

Provide core confidential middleware and applications



Our Products Details

Our core technology is based on joint research with Intel

Published a joint paper with Intel(5/2025)

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Acompany Co., Ltd.
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Kailun Qin
Intel & Shanghai Jiao Tong University
kailun.qin@intel.com

Mona Vij
Intel Labs
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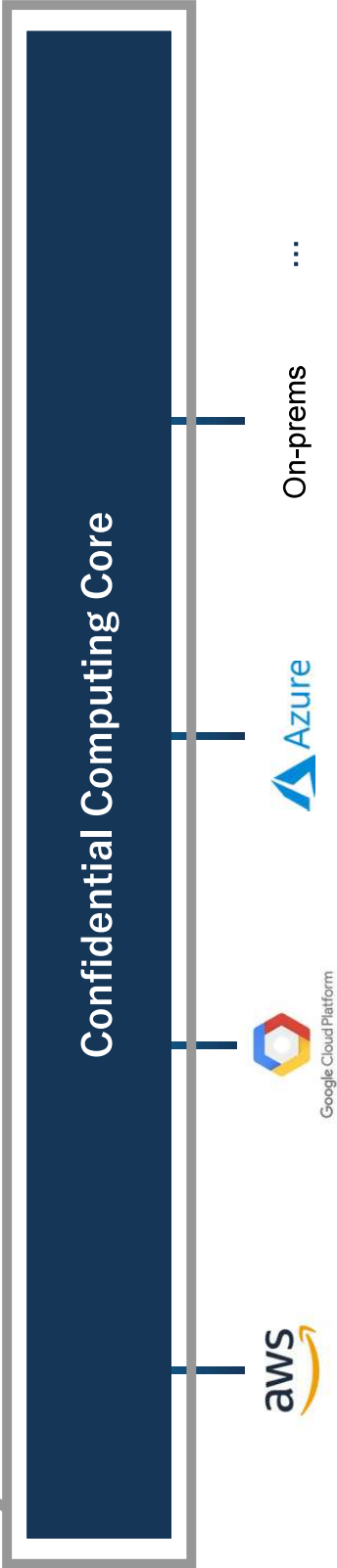
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1 INTRODUCTION

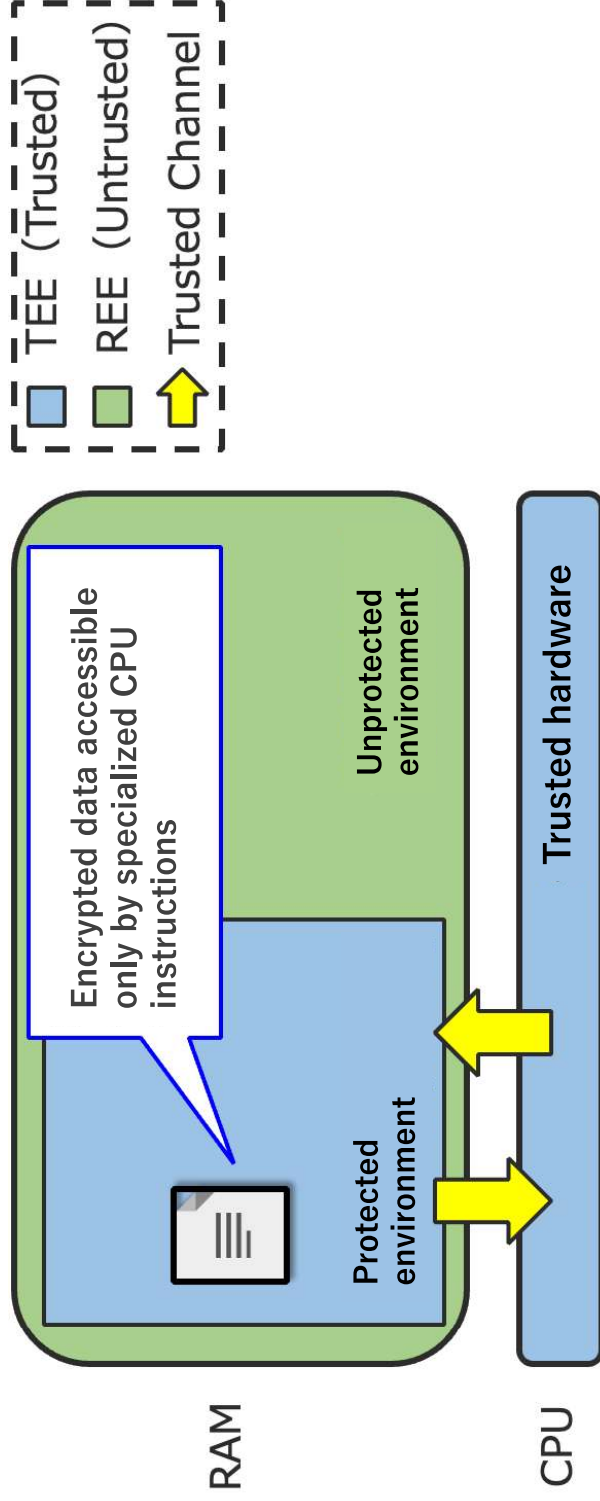
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<https://eprint.iacr.org/2025/727.pdf>



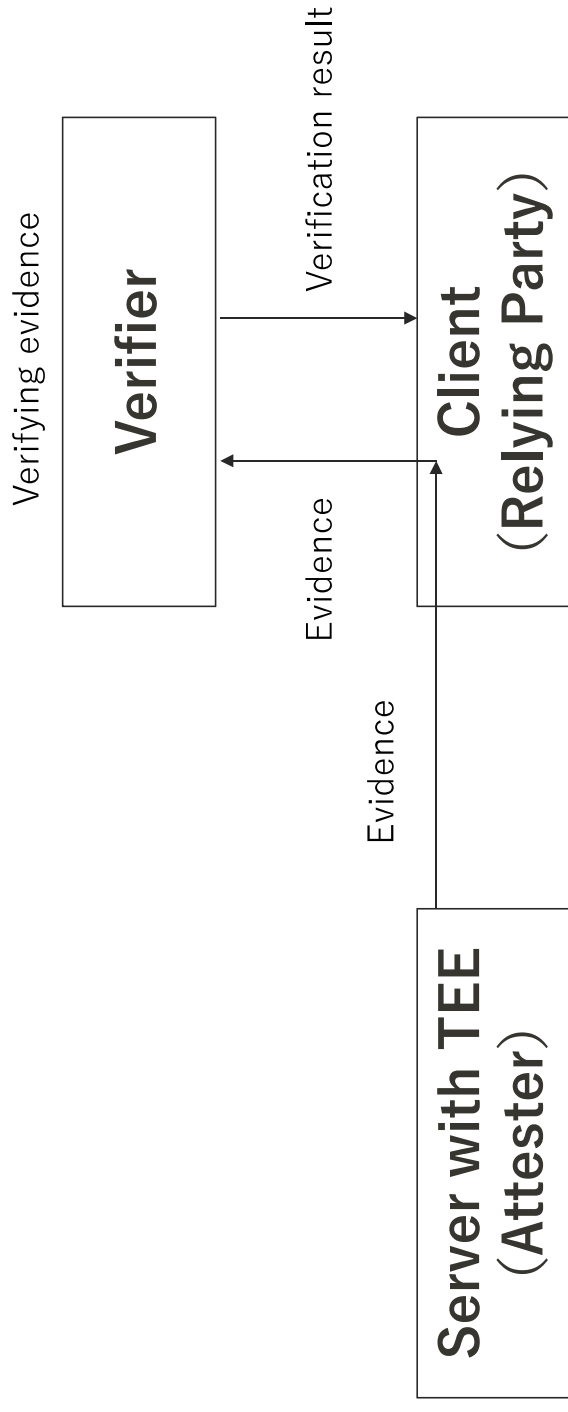
TEE is a technology that builds a protected computing environment with the support of a specialized CPU.

- **Even administrators cannot access the protected environment**, and plaintext data remains unseen by anyone
- Only pre-approved programs can be executed, **preventing unauthorized programs from handling the data**



A part of TEE technology used to verify that only pre-registered programs are executed correctly

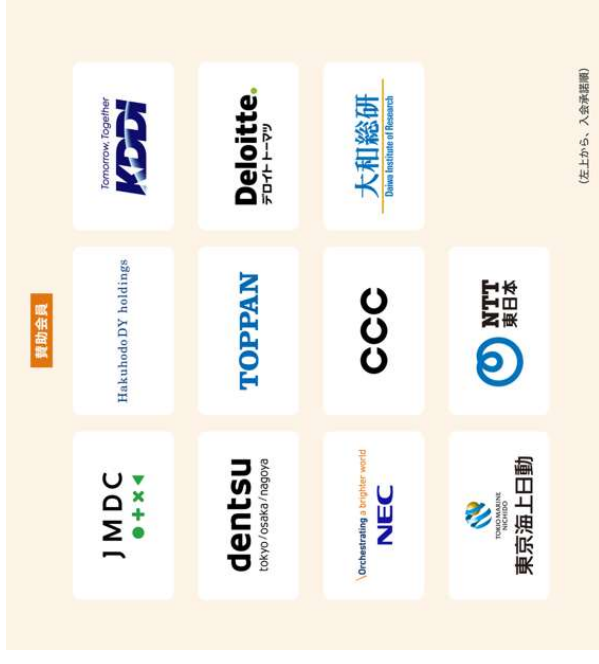
- Obtain evidence (e.g., hashed valued of programs) from the TEE to verify integrity
- Confirm that the executed program has not been tampered with



Public Affairs Activities



- Co-founded **the Privacy Tech Association** 2 years ago
- Leading tech and legal discussions with the government and major corporations





Data use regulations may be eased when using Confidential Computing

日本経済新聞

AI開発向け個人情報、本人同意求めず 政府が法改正準備

経産 2025年2月11日 5:00 [会員限定記事]

保存 印刷 共有 通知 設定



日経 XTECH

AI開発や医療分野のデータ活用を一部同意不要に、個人情報保護委員会が法改正検討

大豆生田 崇志 日経クロステック／日経コンピュータ

2025.02.12

日本経済新聞

日本経済新聞 2025年2月12日 木曜日

個人情報 A I 利用しやすく

病歴や信条 同意不要に 漏洩時には課徴金 政府案

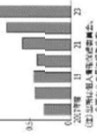
【東京12日】政府は、医療や金融、公共サービスなどで、個人情報をAI（人工知能）に活用する際の規制を大幅に緩和する法案を、国会に提出する。同意を求めず、病歴や信条などの敏感な情報もAIに提供できる。漏洩時には、事業者に対して課徴金を科す。政府は、AIの活用を促進するとともに、個人の権利を保護するバランスを追求する。...

トランプ氏「停戦破壊警告」

トランプ氏は、北朝鮮の核開発が「世界平和を脅かす」と警告し、北朝鮮に対して「核開発を止めるか、それとも世界を核戦争の火の海に落とすか」を問う。トランプ氏は、北朝鮮の核開発が「世界平和を脅かす」と警告し、北朝鮮に対して「核開発を止めるか、それとも世界を核戦争の火の海に落とすか」を問う。...

米鉄鋼関税「例外」交渉へ

トランプ氏、米「見直し」を要求



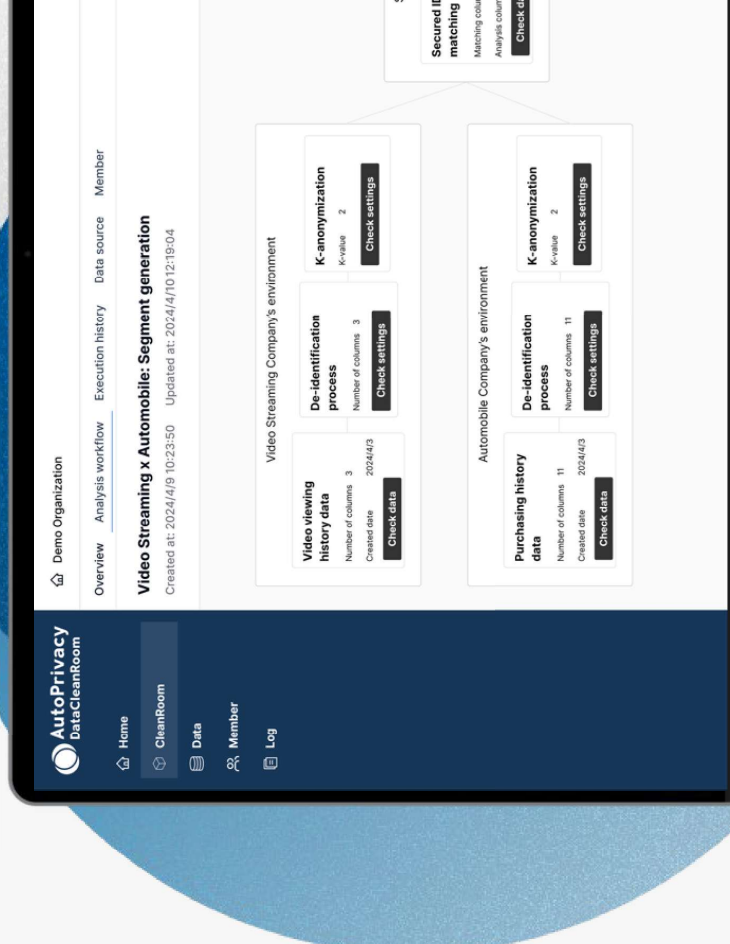
AutoPrivacy DataCleanRoom



Data Clean Room

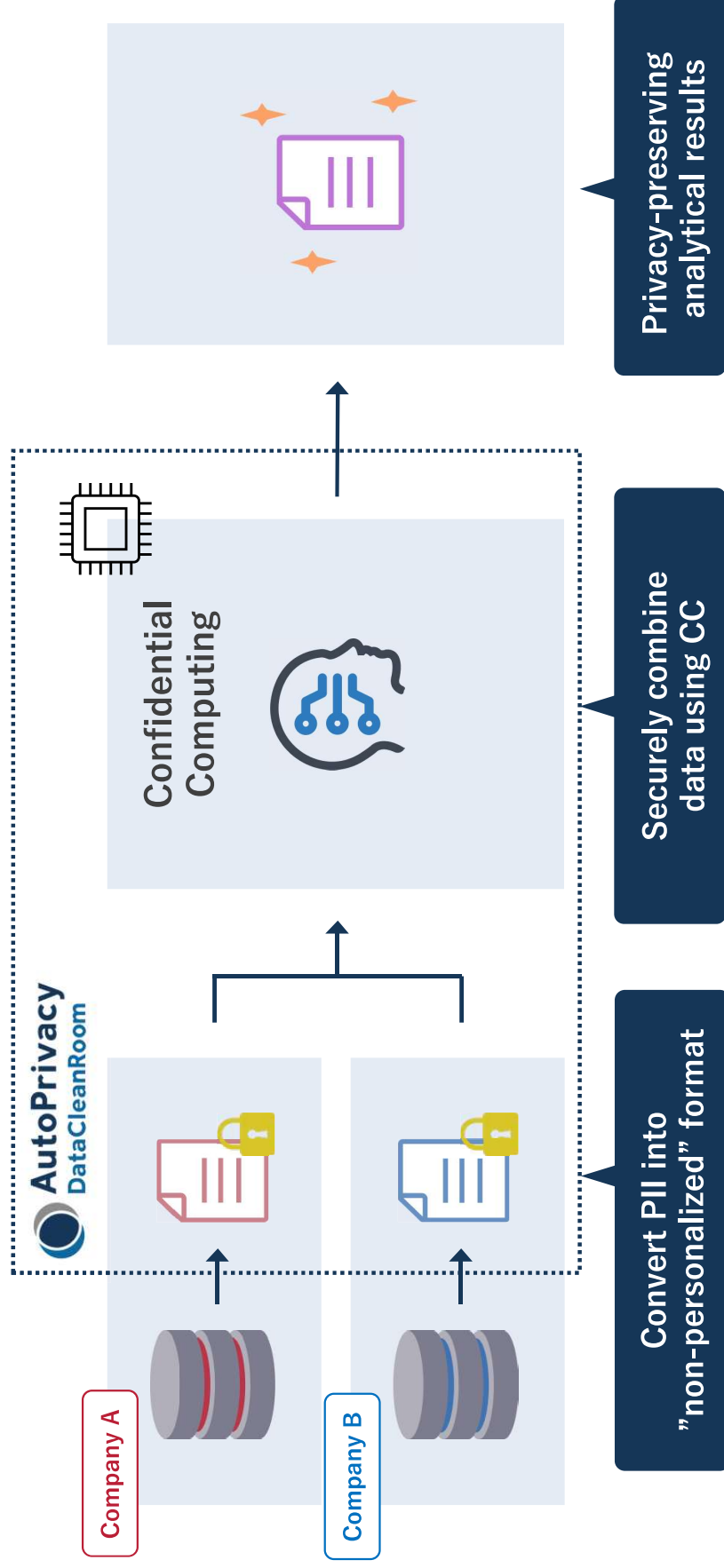
Data Collaboration with

Security & Regulatory Compliance



Product: AutoPrivacy DataCleanRoom (DCR)

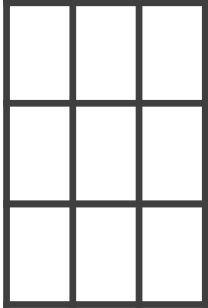
Personal Data Collaboration with Security & Regulatory Compliance



Example output of AutoPrivacy DCR

< Cross-tabulation >

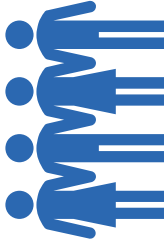
Generate cross-tabulation tables
after data merging



Understand relationships
and trends between attributes

< Segment extraction >

Automatically extract segments
that exhibit specific trends



Identify segments
that are more likely to convert

< AI models >

Output AI models
trained on merged data



Build AI models
tailored to specific use cases

All data is available **without the need to re-obtain consent**

**In one customer case,
the available data increased from **33%** to **100%****

Before

- ✓ Only consented data
- ✓ Only 33% of the data is re-consented



After

- ✓ 100% of all data is available

Product: AutoPrivacy DataCleanRoom



AutoPrivacy DCR can connect with major cloud platforms

- Compatible with major cloud platforms (AWS, Azure, GCP, Snowflake), so **there is no platform lock-in**
- Integration with Snowflake is easiest via its Native App feature



AutoPrivacy
DataCleanRoom



Google Cloud



Competitive Comparison



AutoPrivacy DCR is consent-independent and free from platform lock-in, making data integration seamless

	 AutoPrivacy DataCleanRoom	Snowflake	TreasureData
Ease of installation	⊙	⊙	○
Regulations	⊙	△	△
Consent-independent	⊙	×	×
No lock-in	⊙	×	⊙

Use cases: Marketing



Combine publisher and advertiser data to measure ad effectiveness and understand customers

