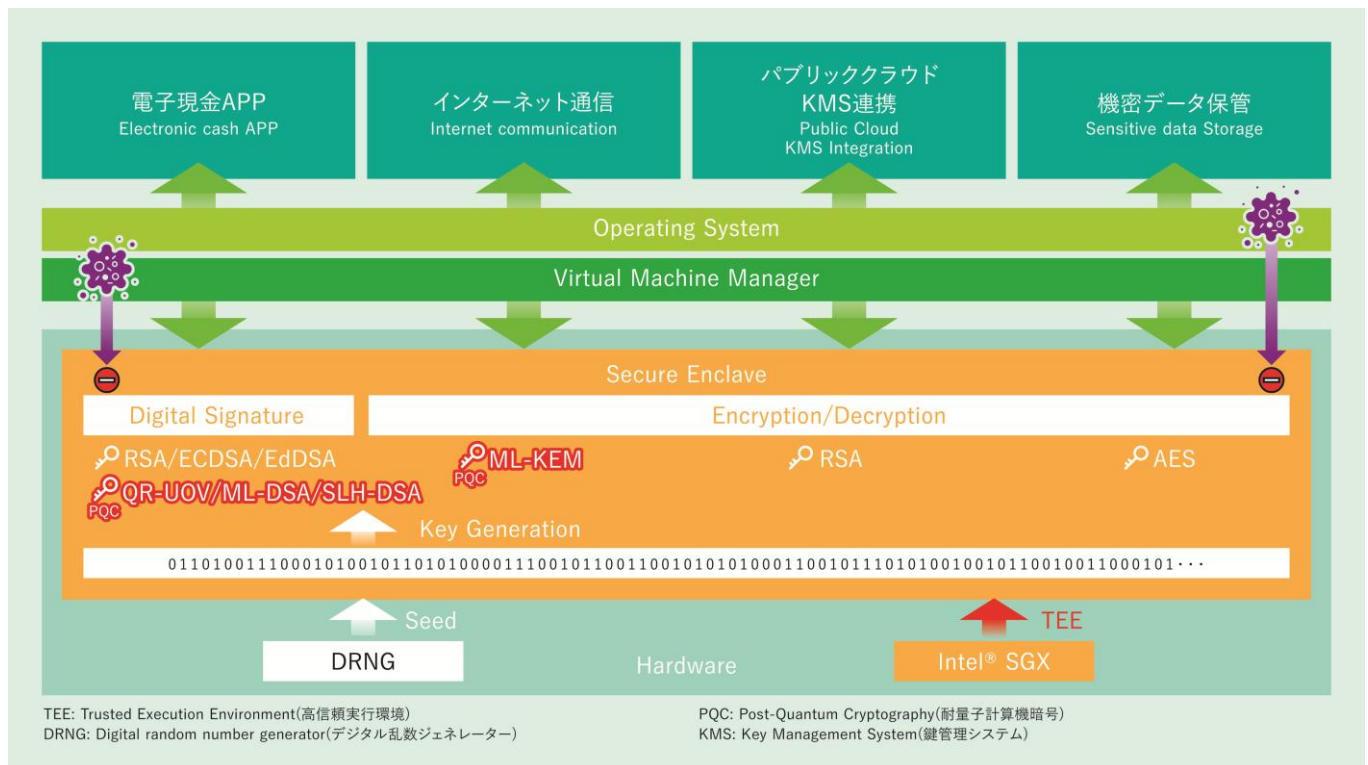


This technology secures cryptographic keys and protects user data Data security technology with robust key management

Background and Technical Challenges

Human error or internal fraud in a cloud provider's key management can compromise data security.



R&D Goals and Outcomes

By securing cloud encryption key management, this technology enables the safe adoption of cost-effective cloud services.

Key Technologies

01 Core Technologies

- Software development expertise using a trusted execution environment (TEE)
- Knowledge gained from NTT DATA's experience using public clouds

02 Key Differentiators

- A robust security model for unified management of cryptographic key generation and operation within a TEE
- Key operations are built as stateless microservices within the TEE, enabling horizontal scaling based on load

Use Cases
Financial Services
Aerospace & Defense
Public Services & Local Government

R&D phase Business

[Exhibitors]
NTT DATA Group Corporation

[Contact]
Technology and Innovation General Headquarters

[Co-exhibitors]
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