R&D phase | Development **Expected Commercialization** | FY27-

Mehr Licht!
More Photonics for Intelligence

#B17

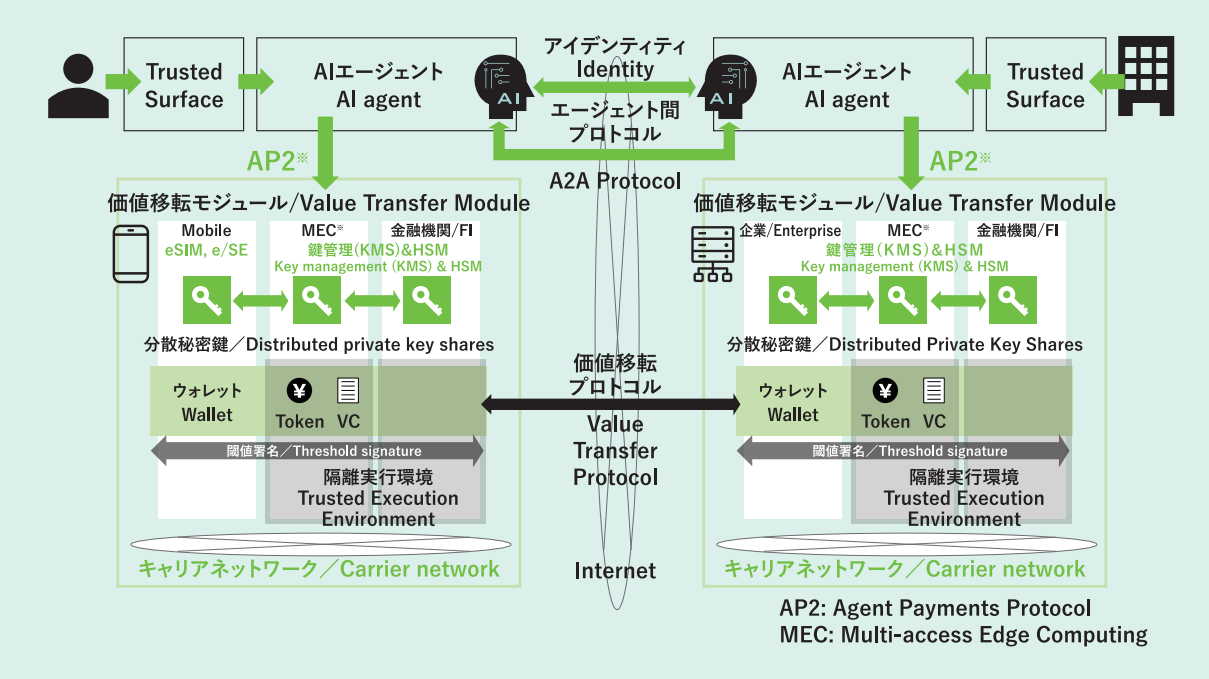
#Digital & AI Transformation#Customer Experience#Regional Revitalization

Value Transfer Protocol for AI Society

CarrierDID & value transfer enable secure, low-cost, fast agent trade

Technical Challenges & Goals

As AI agents proliferate, verifying identity and handling micro-payments and explosive transaction growth are becoming urgent. A secure payment environment that keeps pace with agent speed strengthens national competitiveness. Persona data from wallets can also improve A2A matching and benefit both buyers and sellers.



Key Technologies

Core Technologies

- NTT network wallets enable identity, micropayments, and persona control via confidential execution
- Ledgerless payments enable high throughput at scale and support diverse agent payment standards

Key Differentiators

- Limitless A2A transactions via identity, value transfer, & negotiation at the carrier-network edge
- Buyer-side data breaks service silos, enabling cross-service personas and personalized agents

Use Cases

Financial Services

For banks, securities firms, insurers, and institutional investors, AI agents optimize cash and collateral in real time, while instant DvP via the Value Transfer Protocol reduces idle assets and improves returns and capital efficiency.

Exhibitors

NTT DATA Financial Innovation Headquaters Next-Generation Payment Planning Office
NTT DoCoMo Mobile Innovation Tech Department
NTT Network Service Systems Laboratories
NTT Center for Computing Technology

Related Links

https://group.ntt/jp/topics/2026/03/30/digital_wallet.html

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