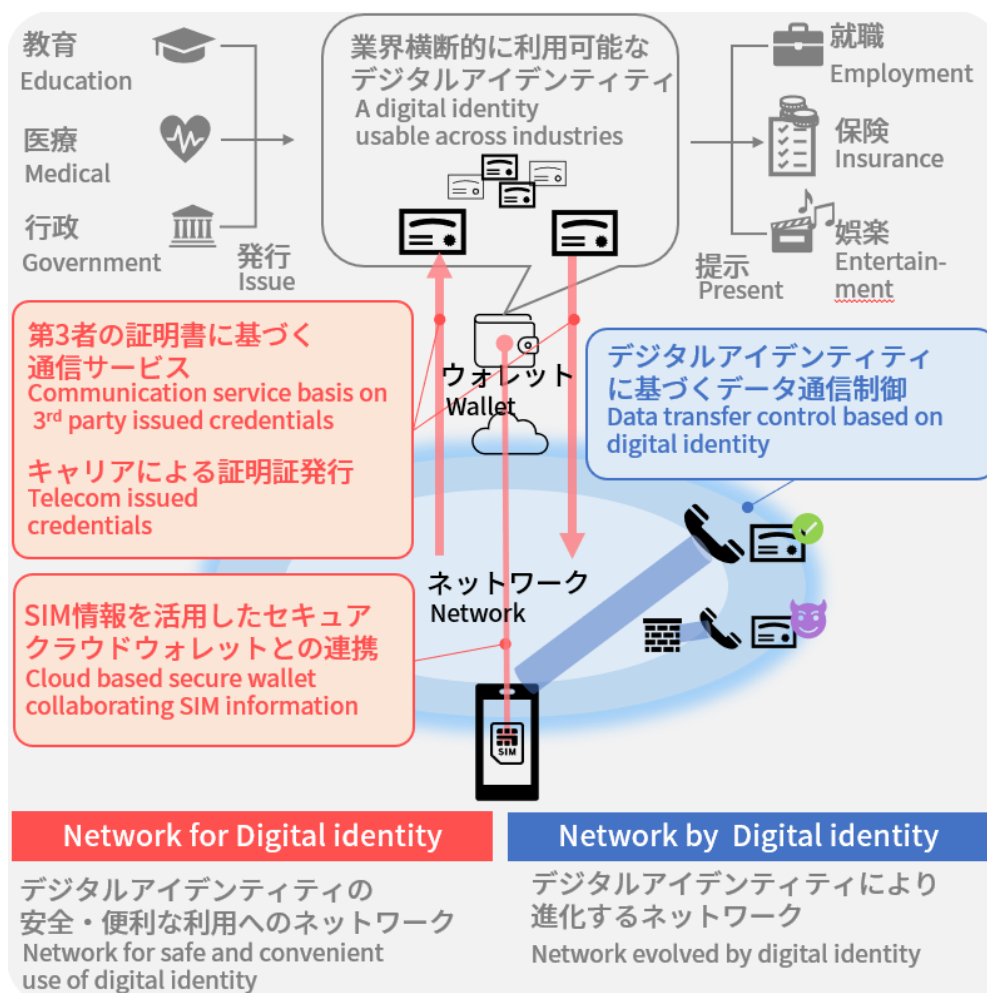## Digital IDs and network services

Telecom carriers ensure safe and convenient use of digital ID and communication through network service collaboration

#Customer Experience Value Creation #Productivity Improvement

教育 Education
医療 Medical
行政 Government
発行 Issue

業界横断的に利用可能な デジタルアイデンティティ
A digital identity usable across industries

就職 Employment
保険 Insurance
娯楽 Entertain-ment
提示 Present

第3者の証明書に基づく 通信サービス
Communication service basis on 3rd party issued credentials

キャリアによる証明証発行
Telecom issued credentials

ウォレット Wallet

デジタルアイデンティティ に基づくデータ通信制御
Data transfer control based on digital identity

SIM情報を活用したセキュア クラウドウォレットとの連携
Cloud based secure wallet collaborating SIM information

ネットワーク Network

SIM

Network for Digital identity
デジタルアイデンティティの 安全・便利な利用へのネットワーク
Network for safe and convenient use of digital identity

Network by Digital identity
デジタルアイデンティティにより 進化するネットワーク
Network evolved by digital identity

///Technical Issue

Due to terminal connection conditions or functions, verifying the other party's authenticity or securing data management may not be possible.

///Research Goal

Minimize privacy risks, ease identity and credential verification, and address social issues like communication fraud.

---Technology

- Cloud wallet linked to network services.
- Issuance of telecom-specific user certificates and communication services based on third-party validation.
- New data communication control based on digital identity.

---Novelty

Unlike regular cloud wallets, the proposed system securely presents certificates offline or online after verifying the recipient's identity.

---Applicable Business

Identification and Credentials Verification
Can be used to present digital driver's licenses, vaccination certificates, and other credentials issued for education, entertainment, etc.
Expected date of service provision: 2026