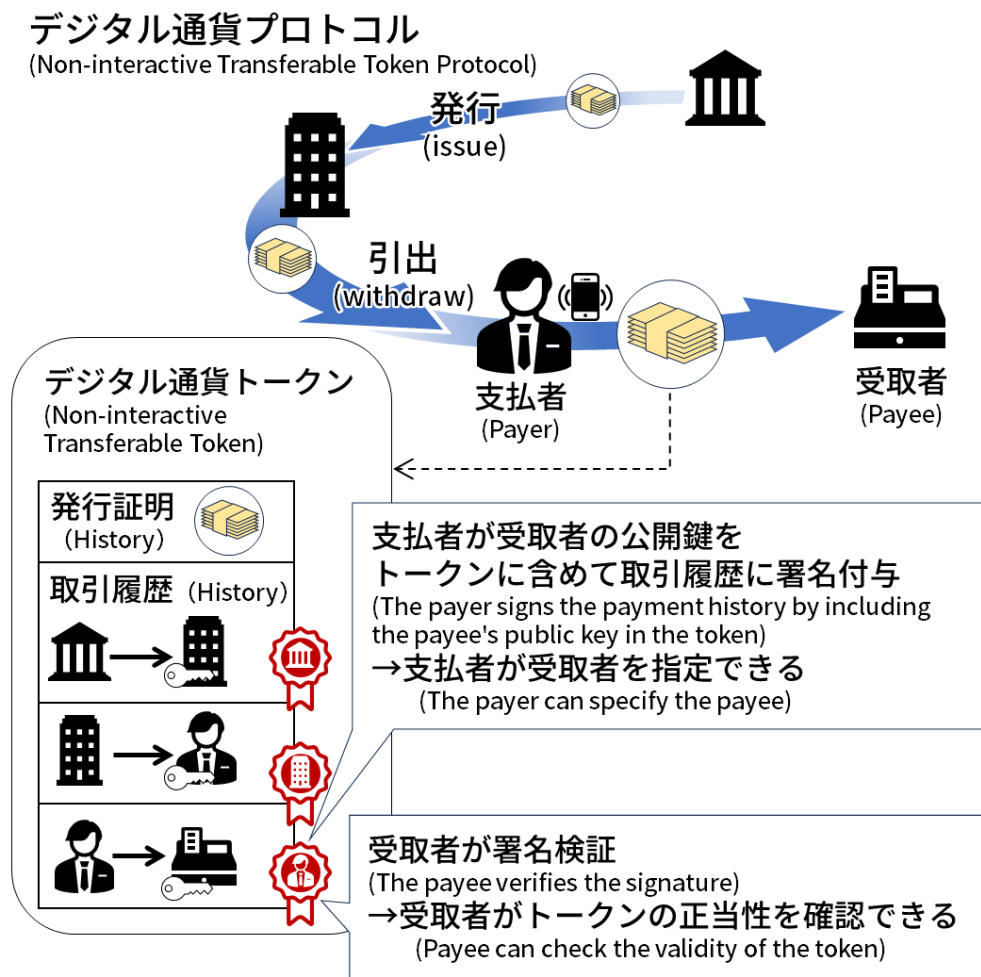


Digital currency protocols for secure value transfer

It enables the secure and safe transfer of values such as currency and securities between two parties by representing them electronically

#Customer Experience Value Creation #Business Resilience



///Technical Issue

Existing systems require a database as an intermediary for transactions, and as the number of users increases, the cost of the equipment increases.

///Research Goal

We will realize a new social infrastructure that enables the exchange of multiple values through technology that safely and securely transfers electronic value.

---Technology

A unique value transfer protocol that uses digital signatures to embed information that proves the trustworthiness of data (tokens) that have been digitized to represent currencies and securities, enabling self-contained trust.

---Applicable Business

In the financial sector, it will be applied to cashless payments, supply chain finance, and more (expected to be available in 2025).

---Novelty

While traditional (ledger-type) technology requires access to a ledger for each transaction, this technology does not require a ledger and enables direct and instant settlement between user devices. Infrastructure using this technology is less affected by the scale of users, and it is expected that equipment costs can be reduced.