

Figure 1: Digital Identity Authentication Mechanisms in Digital Financial Services

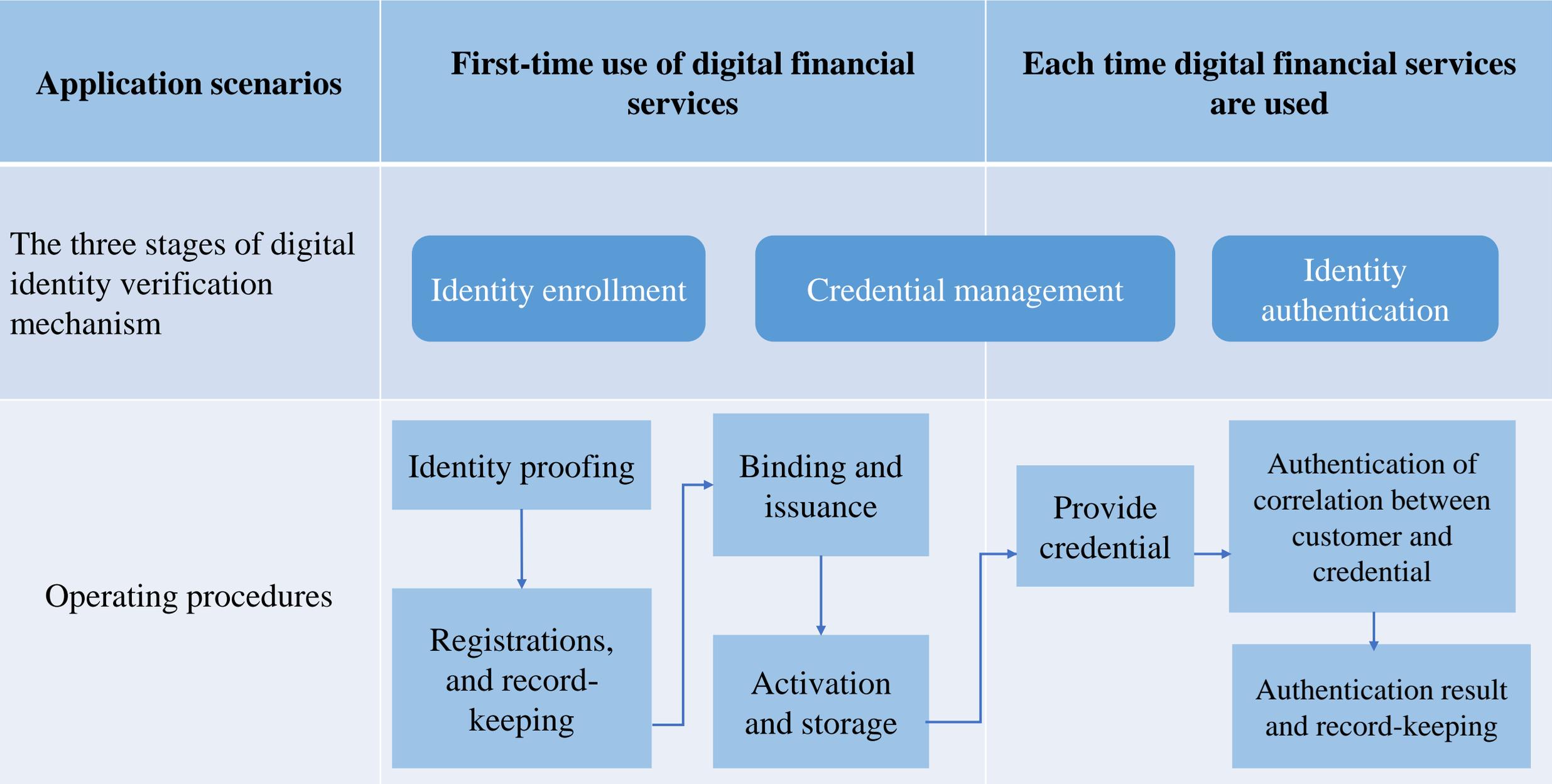


Figure 2: Using an IC ATM card as a credential, and taking interbank withdrawals as an example, this figure illustrates the participants and operational procedures of digital identity authentication.

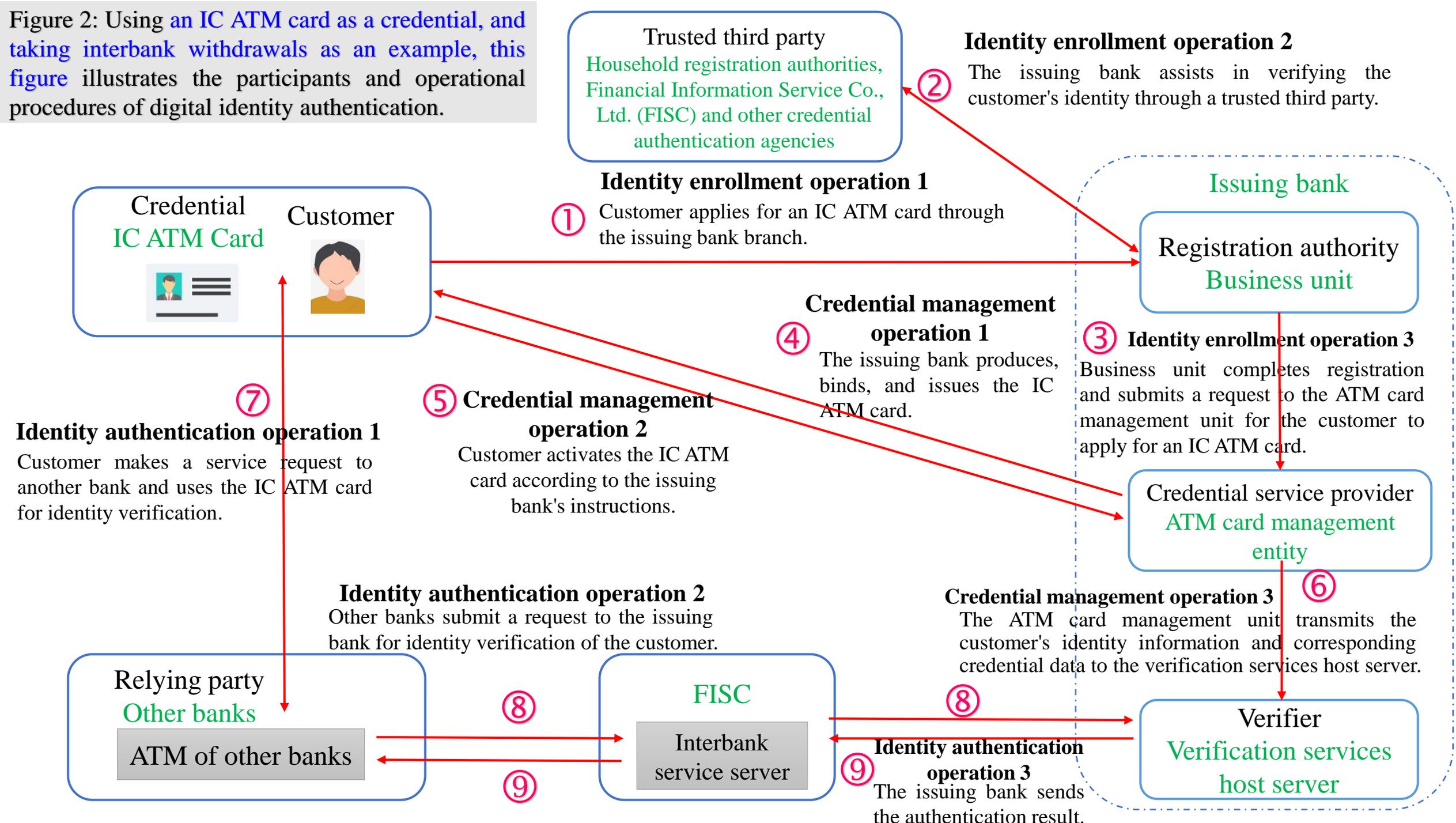


Figure 3: Using the order placement certificate of a securities (or futures) broker as a credential, and taking electronic trading as an example, this figure illustrates the participants and operating procedures of digital identity authentication.

### Credential management operation 1

The customer enters their member account and password, generates a key pair, and submits a certificate application to the registration authority.

**① Identity enrollment operation 1**  
The customer applies to open an account at a securities (or futures) firm either in person or online.

**Identity enrollment operation 2**  
The securities (or futures) firm assists in verifying the customer's identity through a trusted third party.

**③ Identity enrollment operation 3**  
The securities (or futures) firm completes the customer's identity verification and provides a member account and password.

**⑤ Credential management operation 2**  
The registration authority submits an application to the certificate authority and receives a response.

**⑨ Identity authentication operation 3**  
The securities (or futures) firm's internal security system requests the certificate revocation list (CRL) from the certificate authority.

**⑧ Identity authentication operation 2**  
The securities (or futures) firm's internal security system verifies the validity and accuracy of the certificate signature.

**⑥ Credential management operation 3**  
The customer downloads the certificate from the certificate registration authority.

**⑦ Identity authentication operation 1**  
The customer requests electronic trading services from the securities (or futures) firm and presents the trading certificate for transaction verification.

Securities broker (or futures broker)

Relying party  
Business unit

Trusted third party  
Household registration authorities,  
Financial Information Service Co.,  
Ltd. (FISC) and other credential  
authentication agencies

Securities broker  
(or futures broker)

Registration authority  
Certificate Registration  
Authority

Certificate  
Authority

Credential service provider  
The order placement certificate  
management entity of the securities  
(or futures) firm

Securities broker (or futures broker)

Verifier  
Verification entity

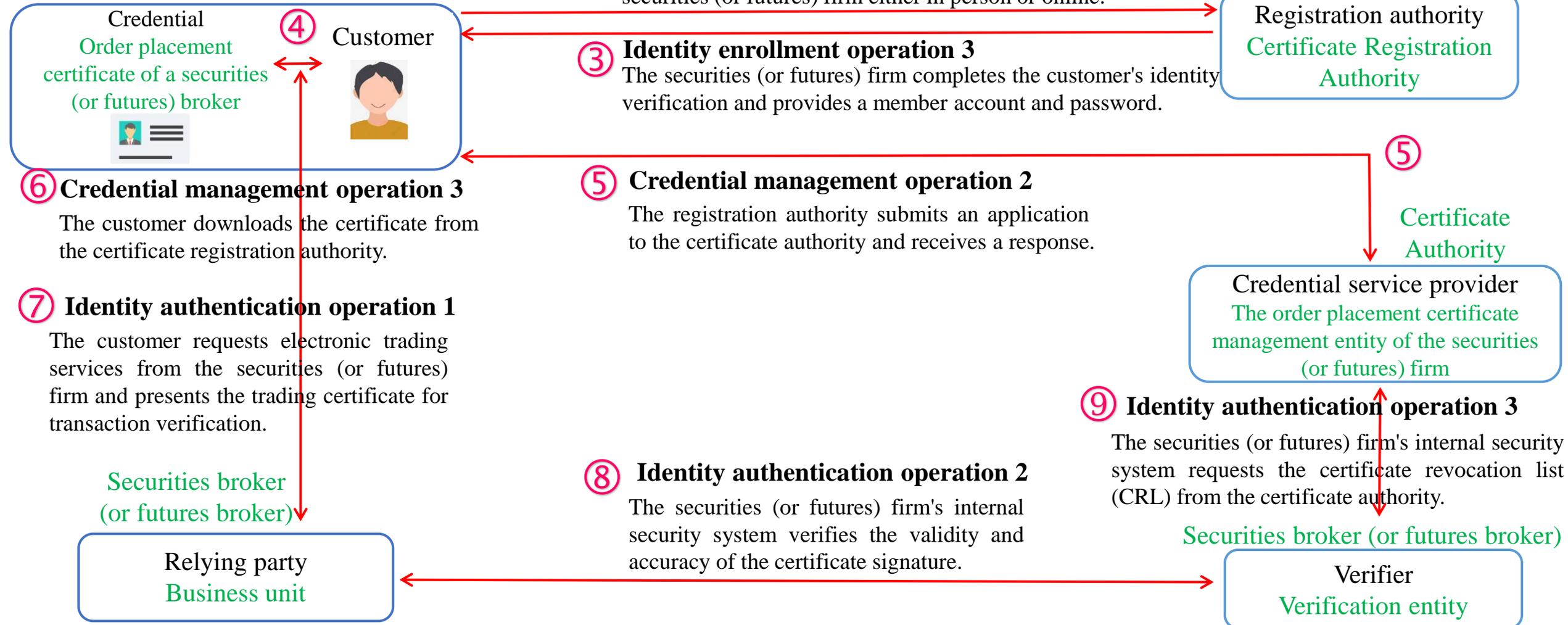


Figure 4: Using Financial Fast-ID as a credential, and taking the provision of financial services as an example, this figure illustrates the participants and operational procedures of digital identity authentication.

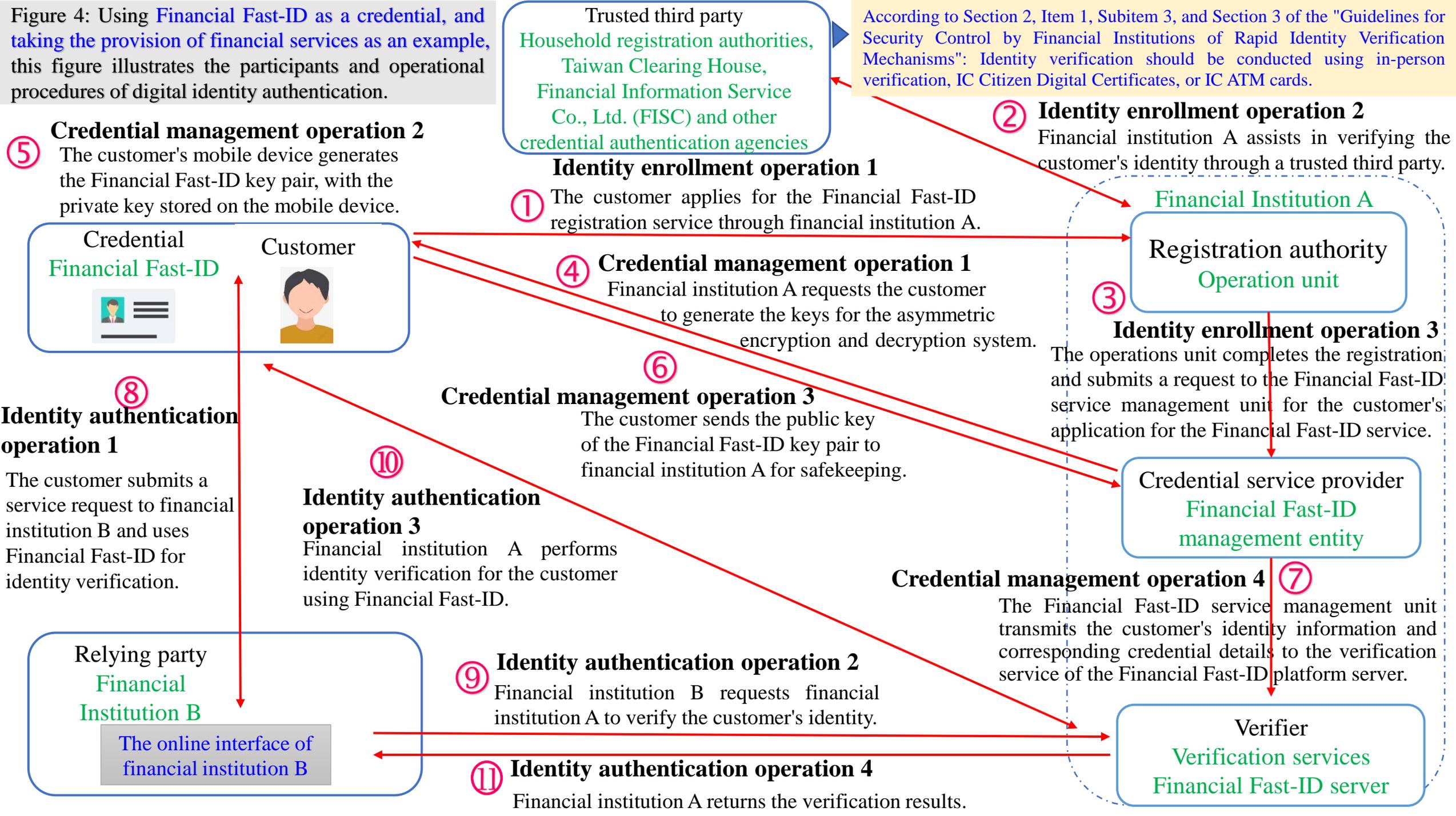


Figure 5: uses a login to the insurance company's member area for digital identity verification to apply for claims and sign documents as an example, to illustrate the participants and operational procedures of digital identity authentication.

