

Efficient Asymmetric Cryptography for RFID Access Control

Progress Report

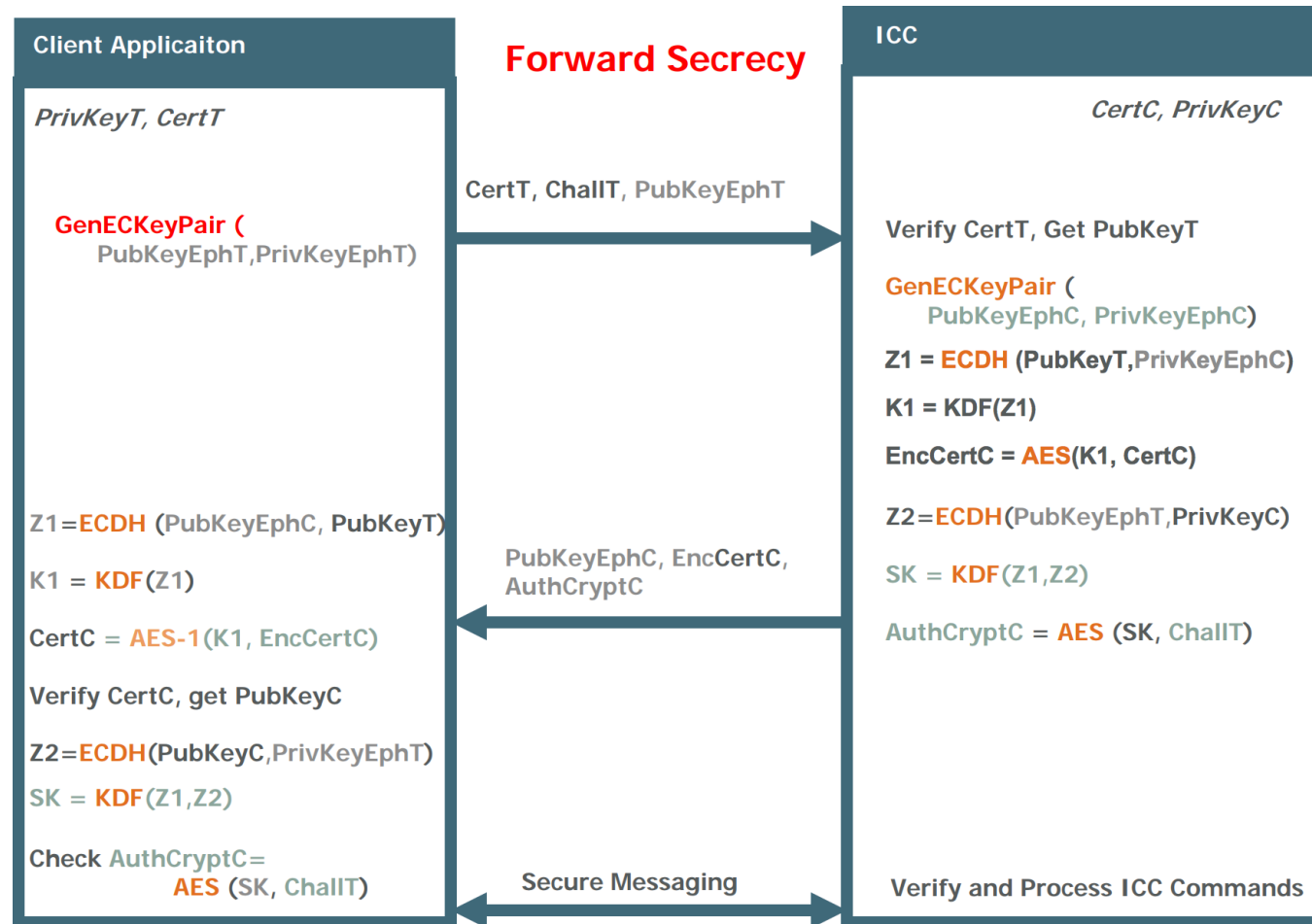
Benefits of OPACITY

The OPACITY-FS protocol provides:

- Mutual authentication
- User untraceability

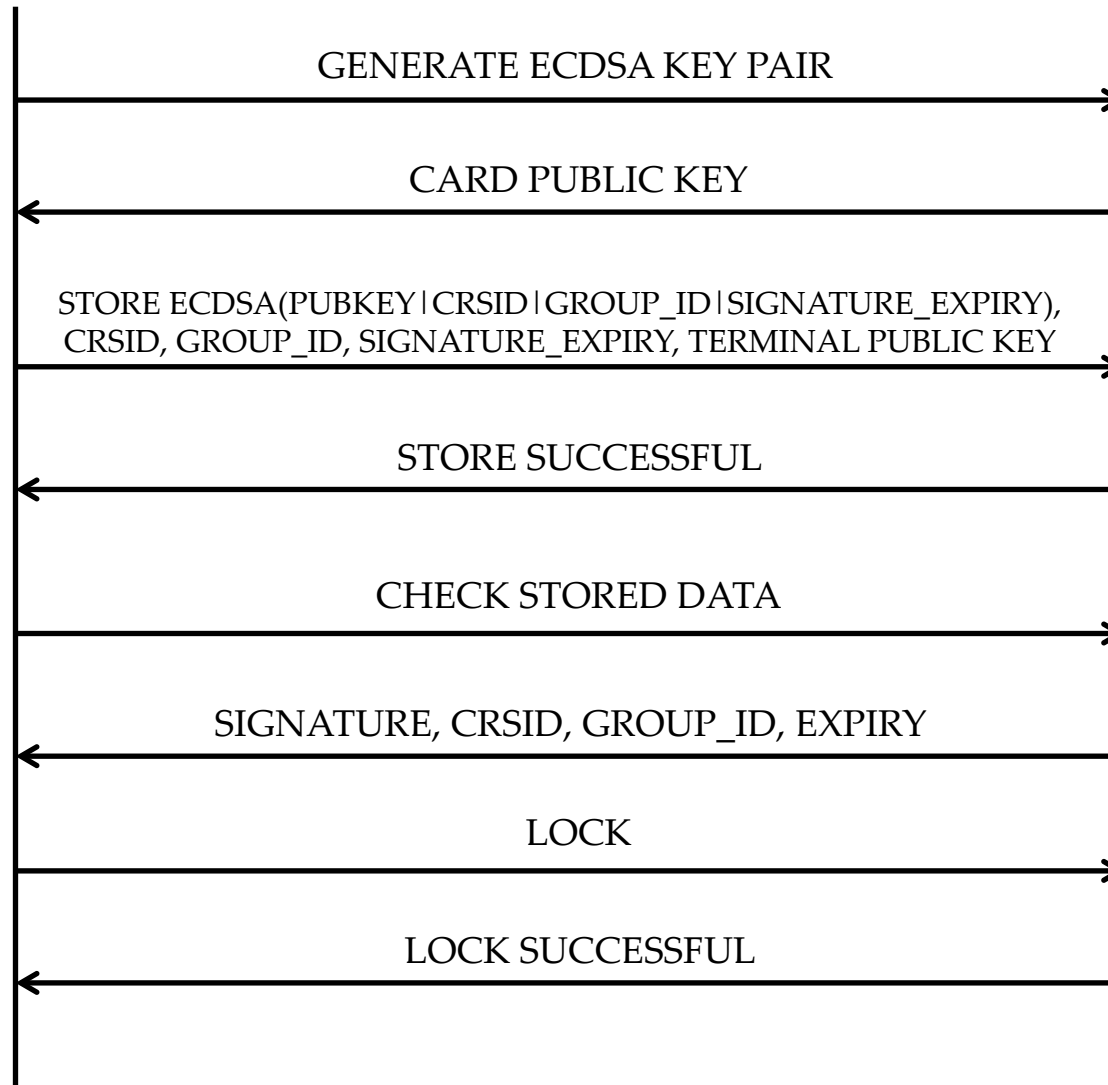
These were listed as possible extensions in the proposal.

Open Protocol for Access Control Identification and Ticketing with privacY - OPACITY



Issuing Terminal

Card



Schedule

- Provisioning application has been implemented and tested.
- Protocol not yet fully implemented.
 - Approx. 2 weeks behind schedule
 - However, last 6 weeks of Lent were allocated for bug fixes and implementing extensions.