DLT Security Standardization
Collaboration with other SDOs

Kyeong Hee Oh, Corapporteur of Q14/17
Q14/17 Security aspects for DLT

• Started in Sept 2017, approved in March 2018
• Involved in the establishment of the FG-DLT and FG-DFC
• X.1400, Terms and definitions for DLT
• X.1401, Security threats of DLT
• X.1402, Security framework for DLT
• X.1403, Security guidelines for using DLT for Decentral identity management
• X.1404, Security assurance for DLT
Q14/17 Collaborations

- Liaison in ITU-T
Q14/17 Collaborations

- Liaison with ISO TC 307

- Q14/17 was preparing the joint workshop with WG2 and JWG 4 before this pandemic.
Collaborations between SDOs
Effect of Std dev

• X.str-dlt, security threats and risks for digital payment systems based on DLT
  – FG-DFS
  – FIGI
• X.srcsm-dlt, security requirements for smart contract management based on DLT
• X.sc-dlt, security controls for DLT
Success factors and risks

• Acceptance in the market
• Effective use cases
• DLT is evolving technology
• Institutional technology

➡️ Doing the right thing and doing it right!