Technical

ISO/IEC TS 23220-3

Cards and security devices for personal identification — Building blocks for identity management via mobile devices —

Part 3: Protocols and services for installation and issuing phase

Cartes et dispositifs de sécurité pour l'identification des personnes — Blocs fonctionnels pour la gestion des identités via les dispositifs mobiles —

Partie 3: Protocoles et services pour la phase d'installation et d'émission

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The ISO/IEC 23220 series consists of the following parts, under the general title Cards and security devices for personal identification — Building blocks for identity management via mobile devices:

— Part 1: Generic system architectures of mobile eID systems

— Part 2: Data objects and encoding rules for generic eID systems

— Part 3: Protocols and services for the installation and issuing phase

— Part 4: Protocols and services for the operational phase

— Part 5: Trust models and confidence level assessment

— Part 6: Mechanisms for use of certification on trustworthiness of secure area

— Part 7: Registration Authority Procedures for Mobile Documents

The objective of ISO/IEC TS 23220-3 is to:

— minimize the burden on issuers to engage in device discovery, device attestation, device binding;

— ease the process of categorizing a mdoc app implementation according to the issuer's policy;

— ease the process of provisioning mobile documents;

— rely on a third party for integral Mobile eID function characterization.

This document introduces data structures and APIs applicable for discoverability mechanisms and for mdoc provisioning purposes. Future versions of this document can specify normative protocols based on the data structures and APIs defined in this document that can be referenced by a profile identifier.