# AUCTORIZIUM

# ICAO PKD Solution
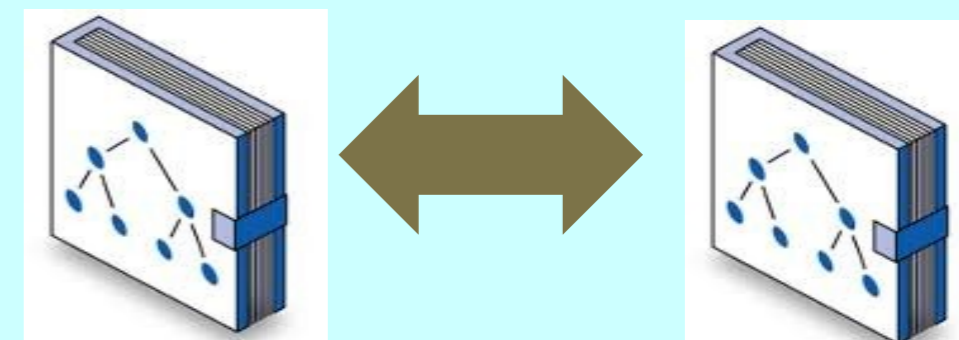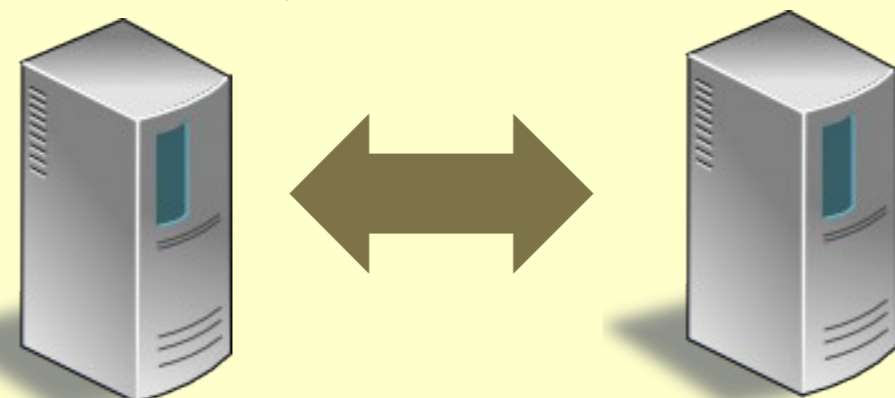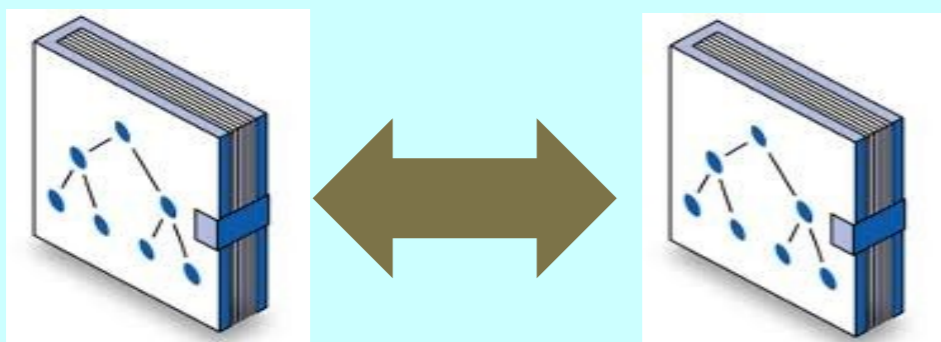
ICAO PKD

**SCRATCH**

**STAGING**

**LIVE**

**[3] Certificate Upload**
Participating states upload DSCs, CRLs & MLs to ICAO PKD Scratch, which is also known as <u>write</u> directory

**SG SCRATCH** ⟷ **TH SCRATCH**

**[4] Certificate Processing**
Entries are fetched from scratch to staging. Staging will enforce & control the due-diligence process that ICAO needs to carry out

**SG STAGING** ⟷ **TH STAGING**

**[5] Download**
Final repository of all DSCs, CRLs & MLs available for download to different countries. This is also known as <u>read</u> directory

**SG LIVE** ⟷ **TH LIVE**

DSC, CRL, ML

**[4A] Verification**
Verifies DSCs, CRLs & MLs against corresponding CCSCA

**Operator Terminal**

**WEB DPS**

PASSPORT

CCSCA

LDIF (DSC, CRL, ML)

**HSM**

**PARTICIPANTS**

**NON-PARTICIPANTS**
https://pkddownloadsg.icao.int
https://pkddownloadth.icao.int
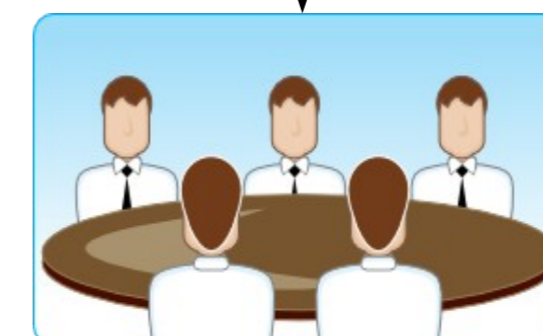
**[1] Passport Issuance Generates**
A) Certificate of Country Signing CA (CCSCA)
B) Document Signer Certificate (DSC)
C) Certificate Revocation List (CRL)
D) CSCA Master List (ML)

**[2] CCSCA Import**
CCSCA are being imported to the ICAO Hardware Security Module

**[6] PKD Access**
Paticipants & non-participants can download all the entries from WebDPS

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