

CERTIFICATE SOURCES

1. PKD DOWNLOAD MODULE



- Automated download of LDIF from ICAO-PKD.
- Options to customize download schedule and email notifications.

2. OTHER SOURCES

ICAO-PKD Non-Participants

- Certificates exchanged through diplomatic Channels.
- Certificates harvested from passport at border.

UPLOAD TO PKD

3. STAGING SERVER



4. HSM



- Import CSCA to HSM after verification of its integrity (receipt process).
- Supports LDIF, CRL, ML & DSC upload to directory after Doc9303 compliance check and CSCA verification.
- M of N authentication and access control to prevent unilateral actions. Allows flexible Doc9303 and CSCA verification policy .
- Supports generation of Master Lists

5. LDAP DIRECTORY



- Central Repository of Document Signers, Revocation Lists and CSCAs.

PKD

6. ROOT TERMINAL SERVER

Central control of Terminal updates and policies.

7. AREA TERMINAL SERVER

- Delegation of control

8. LOCATION TERMINAL SERVER

- All communication through 2-way SSL secured channel.

9. TERMINALS

- Monitoring of Terminals to ensure that all Terminals are updated.

DISTRIBUTION & VERIFICATION