REGIONAL SEMINAR ON MRTDs AND TRAVELLER IDENTIFICATION MANAGEMENT

SESSION 3 BORDER CONTROLS:
INSPECTION SYSTEMS AND TOOLS

The Spanish approach to National PKD and SPOC

25 to 27 June 2014, Madrid, Spain

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ICAO   UNITING AVIATION

indra

The premier IT company in Spain and a leading it multinational in Europe and Latam.

Indra is a pioneer in identification systems: more than 75 million ID documents in the world have been issued with Indra Systems.

OVERVIEW

EDIS-TCC
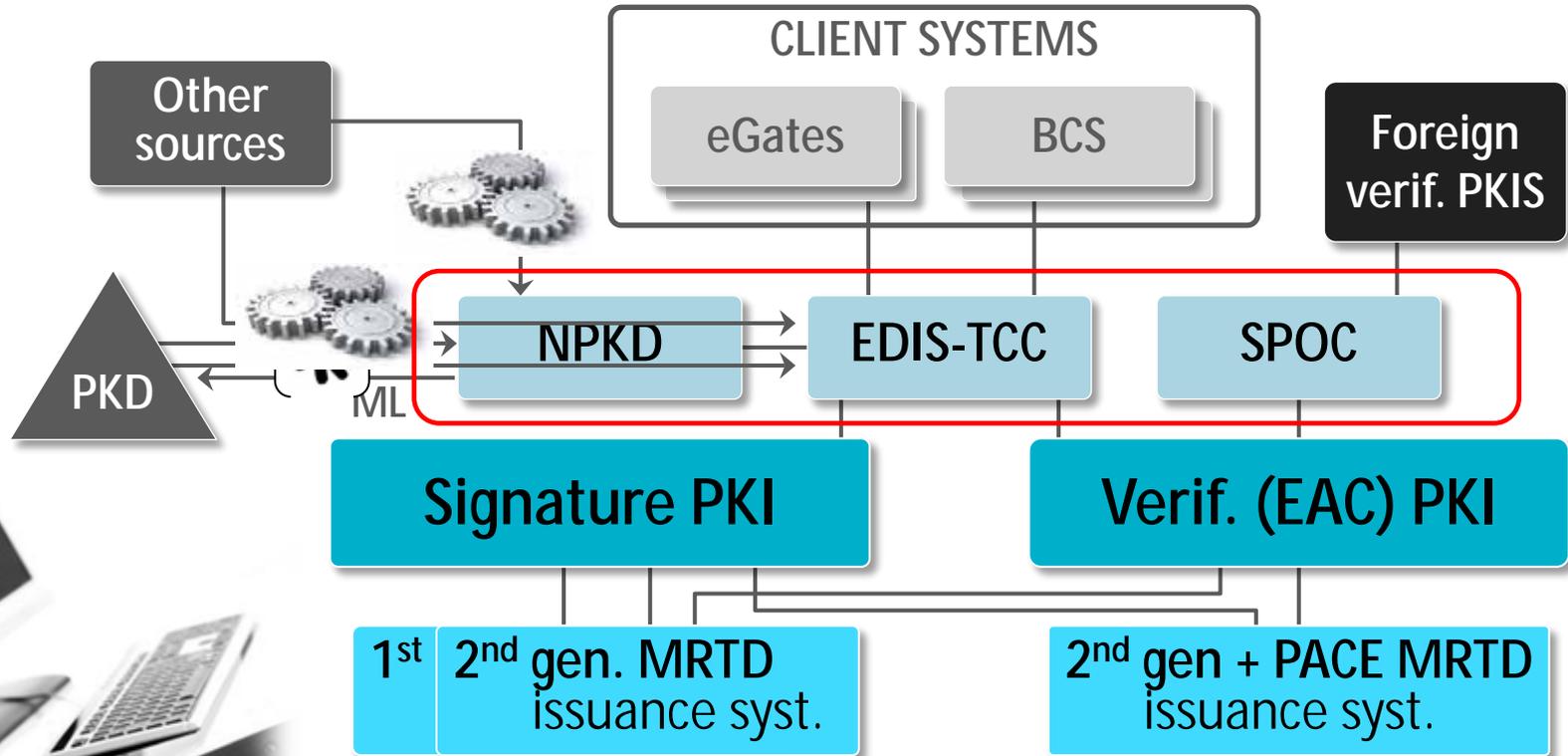
- Implements a throughout securized, centralized inspection server - a remote TCC, in BSI's nomenclature.

- As such, it greatly decreases recertification data flows, improves overall security, and automates (therefore eases) management tasks.

STANDARD INSPECTION
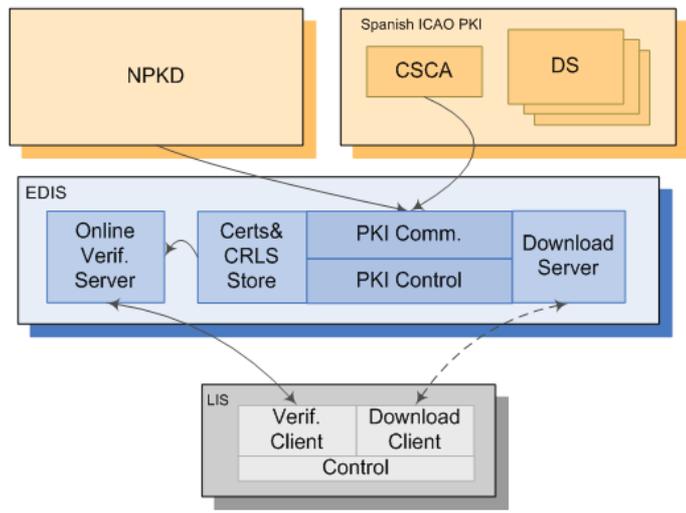
ADVANCED INSPECTION
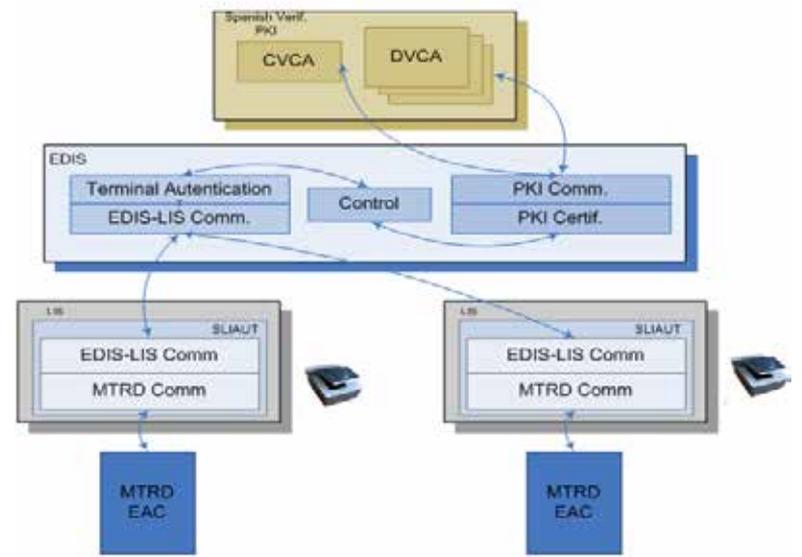
ALL IN ONE PIECE: AD-HOC PRODUCT
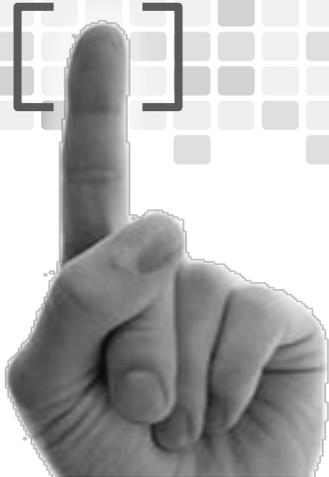
Automates the downloading & uploading from/to ICAO's PKD – manual insertion is also possible

Acts as a Master List signer & Defect List Signer

Publishes new material to national consumer systems (through EDIS)

Advanced management capabilities (filters, notification automation, etc) can be configured

SPOC

As a Single Point Of Contact

It can act as the only component that mediates between Spain's and other countries' Verification (EAC) PKIs:

§ Spanish DVs registration

§ DVs revokation

§ DV's certification requests exchange

§ DV's certificates issued by Spanish CVCA exchange

CVCA ← Web service → SPOC endpoint ← SPOC → Foreign Systems

SPOC endpoint ↕ Web service

DV

DV ↕ Web service

MRTD ← Inspec. → IS
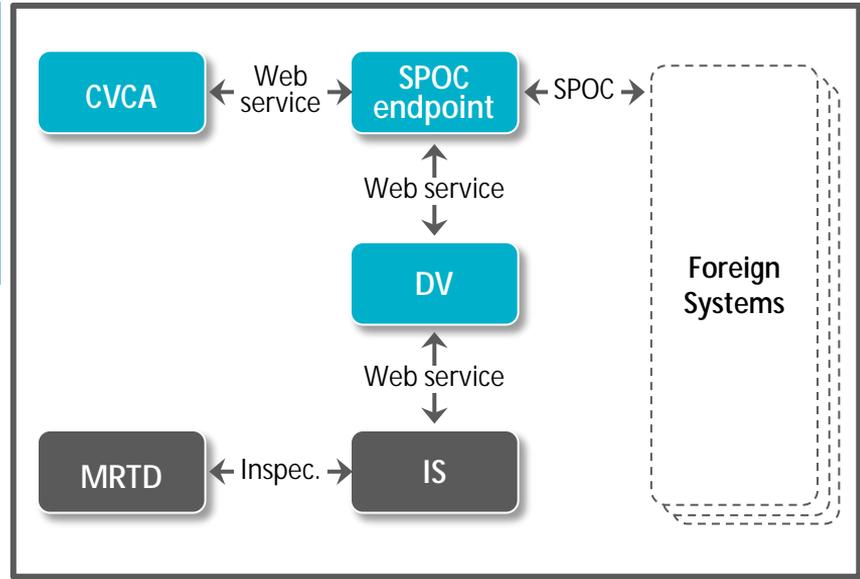
Based on protocols the European Commission defined (ČSN 36 9791)

All in one software / ad-hoc product

Synchronous and asynchronous modes of operation

ALL TOGETHER

ALL TOGETHER

ICAO ePassport PKI

ICAO PKD

CSCA

National PKD

Get Certs, CRLs and Master Lists

Document Signer

Get Certs and CRLs

EAC ePassport PKI

CVCA

SPOC CA

DV

SPOC Service

Communicate with foreign ePassport PKIs

LIS

ePassport

Inspect

EDIS-TCC

NPKD   EDIS   SPOC

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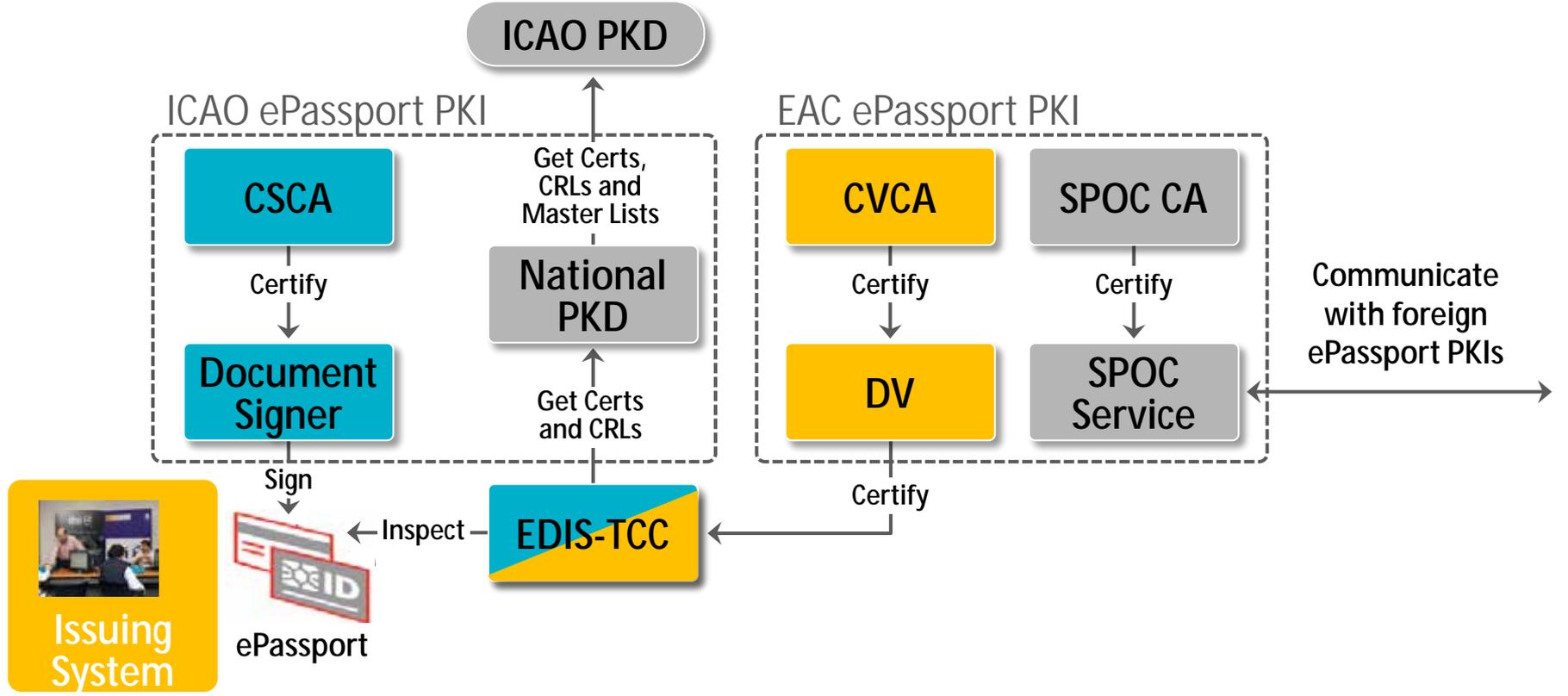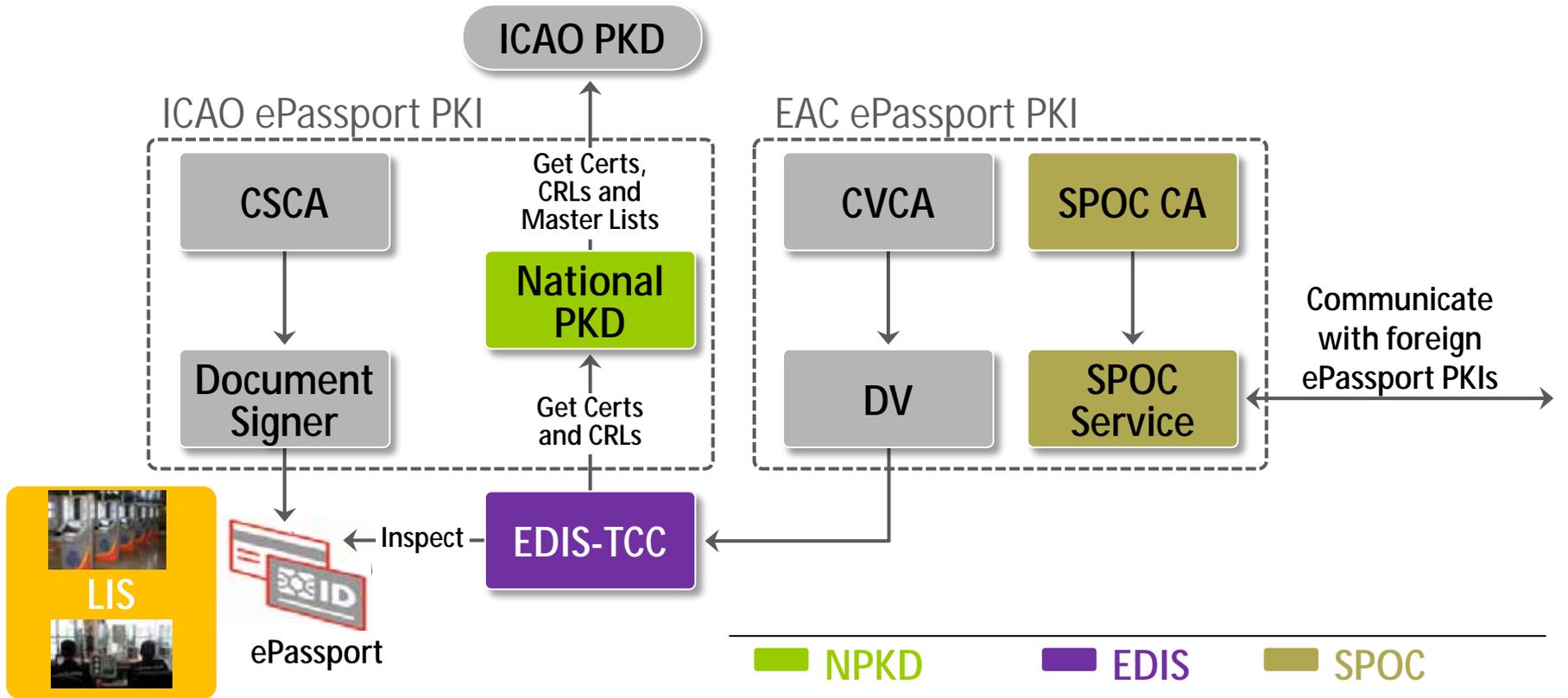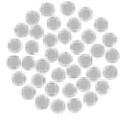
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