Electronic Document Chip Personalization Software

The Electronic Document Personalization Software is a product designed to manage and execute data personalization of electronic chips of electronic documents on high speed and high capacity card production and personalization machines.

Personalization system is based on a client-server architecture. The personalization server manages data to be personalized and executes chip personalization sequences through the personalization system clients – the plugins installed on the personalization device.

Key Features

— Chip personalization of various types of electronic documents

  > eVRC - Electronic Vehicle Registration Card

  > eID - Electronic Identity Card

  > eRP - Electronic Residence Permit Card

— Document data signing using the issuing authority's DS certificate (Document Signer certificate)

— Processing of sensitive personalization data in encrypted form

— Management of cryptographic keys and certificates in Hardware Security Modules (HSM):

  > Document signer certificates and keys

  > Card verifiable certificates and keys,

  > Chip personalization opening key

— Quality inspection of the personalized chips during the personalization process

Main Benefits

— Electronic personalization of various types of electronic documents

— High speed and capacity – up to 3 000 documents per hour and personalization machine

— Scalable system – easy to extend by adding new personalization servers and devices

— High availability – automatic communication failover