



PRINT_MAILING_CARD_RFID



Securely around the world.

With passport inlays from PAV.

Let your passport get intelligent.



E-Passports – More security for passenger traffic

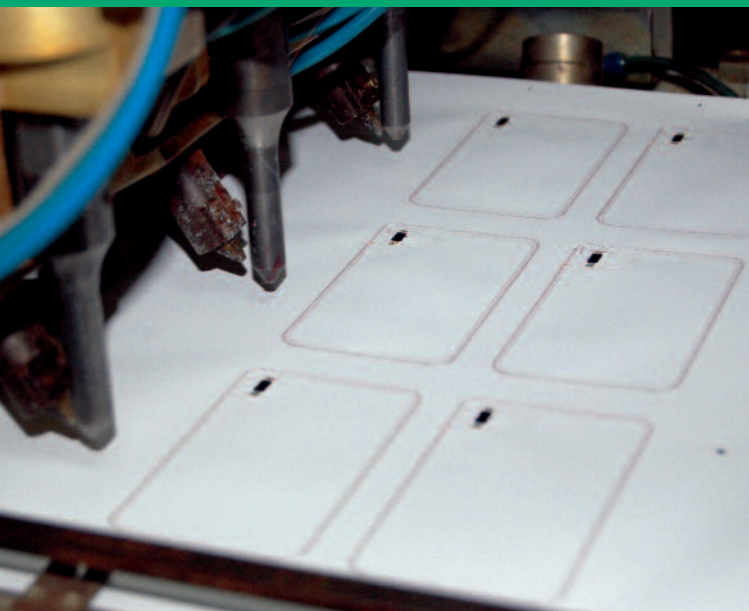
Electronic passports make the passenger traffic more secure. Since 2005 the printed passport data like validity, date of birth and name are additionally encrypted and stored on a chip.

The fundament for the introduction of the electronic passport in the Schengen region is a regulation of the European Council from 13th December 2004. According to this regulation, the EU member states were obliged to integrate a photo from the passport owner within 18 months and the finger print within 36 months in digital form to the passport.

The contactless chip and RFID transponder antenna, which are necessary for e-passports, are embedded to form an inlay. The RFID technology makes it possible to read-out the data wireless. The electronic passport offers the highest level of protection against forgery.

Naturally the inlay complies with ISO 14443 specifications.

Passport inlay producer with experience.



RFID specialist since 1995

PAV is an established provider of contactless devices like cards, prelamines and inlays. Our e-passport inlays are suited for processing in every standard passport production. Therefore we design your inlay individually. So PAV supplies inlays in various sizes and layouts for different passport productions.

By producing your contactless inlays we work closely with the RFID market leaders like NXP, STM and Infineon. Furthermore, we satisfy all ambitious security requirements in our fully-automated German based production facility, which is evaluated by the Federal Office for Information Security (BSI).

Our portfolio:

- Passport inlays, individual inlay design
- Passport prelamines
- Identity cards, high security cards

Your advantages:

- Made in Germany
- Individual solutions for extensive applications
- High security standards

Our inlay at a glance (abstract)

Inlay concept for

- Holder page of the passport
- Cover page of the passport

Format

- 2 UPS
- 3 UPS
- Differ



ent sheet sizes

Contactless microprocessor chips from

- NXP Semiconductors
- Infineon
- STM

Process

- Embedded copper wire antenna
- Licence free technology
- Production in clean room
- High chip yield
- Products compliant to ICAO

Basic materials

- Polycarbonate
- Synthetic paper
- PET



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