

The Brazilian passport

The new Brazilian passport is completely personalised on IAI equipment since 2014.



The project

IAI has delivered passport personalisation systems to Brazil in 2014. Two BookMaster One systems were installed at the site of the Brazilian Mint, where the Brazilian passports are printed. The passports have been issued from June 2014 by the Federal Police.

The BookMaster One systems personalise 2,5 to 3 million passports per year. In order to reach this volume, the BookMaster One runs at a speed of 500 passports per hour.

Project challenges

The BookMaster One passport personalisation systems are customised in order to personalise the Brazilian passport. This meant integrating new technology:

- Multiple input and output
- Checking dimensions of passport
- Checking UV print
- Lamination on both sides of the data page

This had to be done within the standard delivery time of 6 months, delivered at the Brazilian Mint (including shipment).

*“IAI systems
have never
been replaced
by competitor’s
systems”*



iai industrial systems

Tilt your expectations

IAI personalisation technologies in the Brazilian passport

The Brazilian passport is completely personalised by IAI's BookMaster One system. This includes the following applications and technologies:



Book identification

The booklet is identified by scanning the barcode or by reading a number from the chip. The presence of a UV print in the booklet is checked before personalisation.



Lamination

A thick, sown-in laminate goes on the back side of the data page and a thin security foil is laminated over the personal data on the data page.



Chip programming

The holder's personal data is programmed into the contactless chip.



Verification

The information on the chip and on the data page is verified and cross checked.



Inkjet printing

The holder's personal data, photograph and barcode is printed in full colour UV cured ink. The print is verified immediately.



Label printing

A barcode and personal data is printed on a label which is applied onto the back cover for easy identification of processed books.

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