

The Thai passport

The new Thai passport is completely personalised on IAI equipment since 2012.



The project

In 2012 and 2013 IAI delivered five BookMaster One systems for the personalisation of the Thai national passport to Chan Wanich. Chan Wanich is the Thai security printing house. The total passport supply chain has been outsourced to Chan Wanich by the Ministry of Foreign Affairs. The BookMasters One systems replaced the existing personalisation equipment from Mühlbauer.

Project challenges

The Ministry of Foreign Affairs wanted a new passport design and new personalisation equipment within a tight delivery schedule. IAI deployed temporary systems in order to realise the ramp-up requirements.

Result

The BookMaster One systems were implemented according to the delivery schedule. The five BookMaster One systems run at the required production capacity with high yield and uptime and perform above customer expectations.

“IAI systems have never been replaced by competitor’s systems”



iai industrial systems

Tilt your expectations

IAI personalisation technologies in the Thai passport

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



Barcode reading

A barcode is read from the outside cover of the passport in order to identify the booklet.



Laser engraving

The photograph and personal data is engraved on the data page.



Chip encoding

All personal data is encoded in the contactless chip.



Verification

The applied data is verified and rejects are sent to the reject bin.



ImagePerf

The holder's photograph is perforated through the data page.

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