The Problem of Impostors: Identity Fraud without Alterations

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Impostors: The Problem

- Statistics
- Simplest method of MRTD fraud
- Threat of impostors at the document issuing stage
- Organised crime
Which documents are preferred by impostors and why?

- Document to match the profile of the customer
- Document must be suitable for the use intended by the impostor
- Documents passed from one family member to another
How to detect impostors?

• If the document is a biometrics MRTD and an appropriate reader is available, conduct a full one to one biometrics verification
• Check the document’s number and nationality against available databases for any warnings information
• Carefully compare the photograph or image in the document to the person presenting it
• Check the age, height, visible marks and signature of the document holder against the biographical details held in the passport
• Check the displayed shapes and positions of the face, chin, lips, eyes and nose in the document to the person presenting it
• Speak to the document holder in the language of the passport nationality and test for knowledge of the document issuing State
• Observe the person presenting the document for suspicious signs, such as undue nervousness, sweating or failure to make eye contact
Biometrics in eMRTDs
Routine checking of document databases
Compare the image on the document with the person presenting it.
Facial comparison: Divide the face into separate areas for comparison.
Compare the location of each facial feature to one another.
Examples

Impostor or not?

Sixth Symposium and Exhibition on ICAO MRTDs, Biometrics and Security Standards, 1 to 4 November 2010, Montréal
Impostor

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Impostor or not?
Not Impostor
Impostor or not?
Impostor
Any Questions?

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