



*Regula*

forensic science systems

# INFORMATION REFERENCE SYSTEMS

**ICAO Regional Seminar on Machine Readable Travel Documents (MRTDs), Biometrics and  
Identification Management**

**Philipsburg, Sint Maarten, Dutch Antilles**

**9-11 July 201**



# Information Reference Systems



**IRS is a library of secure documents with images of all pages and explanations of design and security features**

## **Available systems:**

- Passport
- Autodocs
- Frontline Document System
- Currency

## **Available versions:**

- Brief
- Express
- Forensic
- Online (Internet)





# Information Reference Systems



## IRS Passport statistics

Version	Light			Total images	Countries	Documents
	White	UV	IR			
<b>Breif</b>	All pages	Data page (UV 365)	Data page	<b>16383*</b>	<b>180</b>	<b>1952</b>
<b>Express</b>	All pages	All pages	Data page	<b>37360</b>	<b>180</b>	<b>1952</b>
<b>Forensic</b>	All pages	All pages	All pages	<b>59674</b>	<b>180</b>	<b>1952</b>

## IRS Autodocs statistics

Version	Light			Total images	Countries	Documents
	White	UV	IR			
<b>Express</b>	All pages	All pages	Data page	<b>5728*</b>	<b>87</b>	<b>719</b>
<b>Forensic</b>	All pages	All pages	All pages	<b>7970</b>	<b>87</b>	<b>719</b>



# Information Reference Systems



## IRS Currency statistics

Version	Light			Total images	Countries	Documents
	White	UV	IR			
<b>Express</b>	All pages	All pages	Data page	<b>55024*</b>	<b>166</b>	<b>2344</b>
<b>Forensic</b>	All pages	All pages	All pages	<b>74973</b>	<b>166</b>	<b>2344</b>

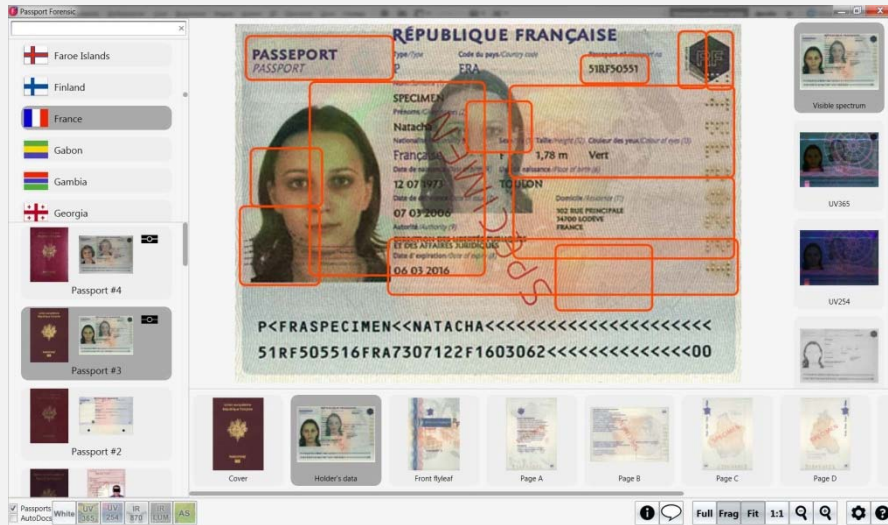
## IRS Frontline Document System statistics

Passport +Autodocs

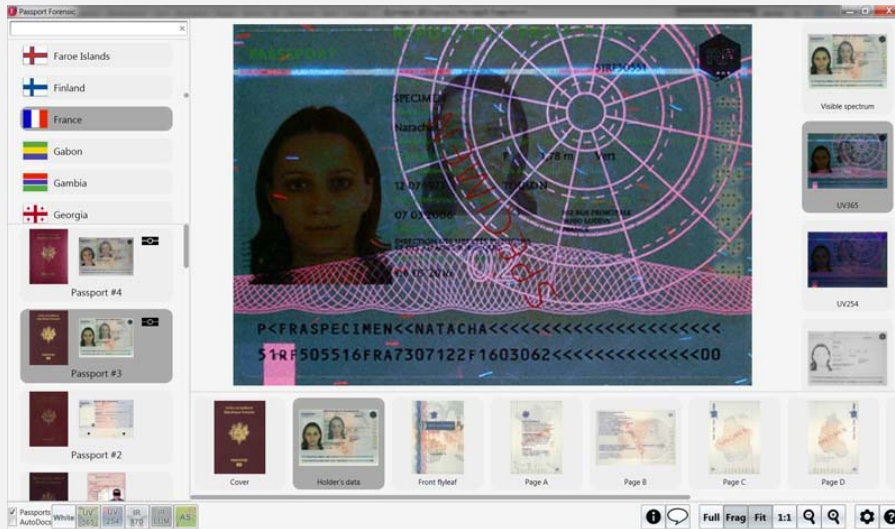
**Online IRS: Documents + Banknotes**



# IRS Interface



Information Reference System “Passport” contains images of passports, visas, ID cards and other identity documents under different light ranges. IRS includes images and description of different security elements as well.







# Interactivity of IRS



## Document Builder

Document creation status: [dropdown] Document ID comment: [text]  
Document name: Accreditation passport Country: Afghanistan Fake document: [checkbox]  
Document type: [dropdown] Document code: [text]  
Document subtype: [dropdown]  
RFID location: [dropdown] Blank type: [dropdown]  
Blank info [dropdown]  
Book description [dropdown]  
Page  
Pages width: [input] Pages height: [input] Page corner shape: [dropdown]  
Pages material: [dropdown]  
Document sections [dropdown]  
Fibers [dropdown]  
Comment: [text]  
Document type not specified

**Document Builder** is optional software module for adding your own documents into IRS.











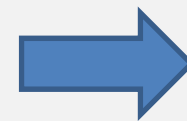
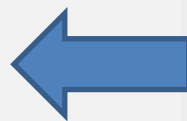
# IRS configurations



Single workstation



LAN/Intranet/Internet



Central Laboratory



# Highlights



- Different systems and with different levels of information
- High quality images
- Regular automatic updates (if connected to Internet)
- Possibility to add and distribute additional documents (with Document Builder)
- Interoperability with other solutions (like passport readers and forensic equipment)



# Challenges



- Access to information (new passports, new IDs, new driver's licenses, etc.)
- Approval/certification of IRS by respective authorities (ICAO, Interpol, Europol, Frontex, etc.)



**Thank you!**