

# Information reference system «Currency»



The information reference system “Currency” is intended for express authenticity verification and advanced examination of banknotes from different countries that differ in series and denomination.



IRS “Currency” contains images of banknotes and corresponding security features and techniques with detailed descriptions.

## Contents

- Detailed information about banknotes, description of their security features and techniques.
- Images of:
  - banknotes in white, IR 400–530, 870 and >940 nm, UV 254 and 365 nm spectrum ranges;
  - magnetic ink patterns;
  - security features and techniques such as microprinting, intaglio, watermarks, holograms, etc.;
- Detailed glossary with descriptions and illustrations of security features and techniques.

## Volume of data

- 168 currencies arranged by country and production series
- 2 981 banknotes

## Versions

- **Express** — a basic version that provides the user with the information about basic banknote security features.
- **Forensic** — an extended version for advanced banknote examination.
- **Forensic Pro** — an expert version for advanced banknote examination with a special [Document Builder](#) application used for adding images and description of new banknotes and their security features and techniques to the IRS.

## Special features

- Possibility to select the amount of information provided;
- High resolution images of banknotes, their security features and techniques;
- gif-animation of holograms and OVI-elements available in **Forensic/Forensic Pro** versions;
- Easy to search;
- Possibility to add:
  - description and comments to existing banknotes;
  - images and description of new banknotes using the [Document Builder](#) application in **Forensic Pro** version;
- Integration with [Regula Forensic Studio](#) software for image processing, comparing examined objects with reference images of banknotes and security elements;
- Multilingual interface:
  - English
  - Arabic
  - Hungarian
  - Spanish
  - Italian
  - Chinese
  - Latvian
  - Lithuanian
  - German
  - Polish
  - Portuguese
  - Russian
  - Ukrainian
  - French
  - any other language at customer’s request
- Automatic update (requires Internet connection);



- Distant training for systems operation;
- User-friendly interface.

## **Application**

- Financial institutions
- Law-enforcement agencies
- Forensic laboratories
- Other agencies and organizations authorized to check documents

## **Information reference system installation**

- Local
- Network

## **Delivery set**

- A software protection USB-dongle with a limited update licence for providing access to the information reference system



## Contents of the information reference system «Currency» versions

Contents				Version		
				Express	Forensic/Forensic Pro	
Number of	<a href="#">images</a>			91 823	127 951	
	banknotes			2 981		
	currencies			168		
Images	in spectral ranges	white	top	+	+	
			transmitted	+	+	
		ultraviolet, nm	254	—	+	
			365	+	+	
		infrared, nm	870 (reflected)	+	+	
			400–530 (IR luminescence)	—	+	
			>940 (anti-stokes luminescence)	—	+	
			magnetic ink patterns			—

## PC requirements

- Microsoft Windows XP (SP3), Windows Vista, Windows 7, Windows 8, Windows 10
- Microsoft .NET Framework 4.0 is included in the installation package
- Microsoft SQL Server 2008 or later for local installation of the information reference system on a PC or on a server; Microsoft SQL Server 2008 Express is included in the installation package
- Minimum HDD free space required for **Forensic/Forensic Pro** version — 32 GB



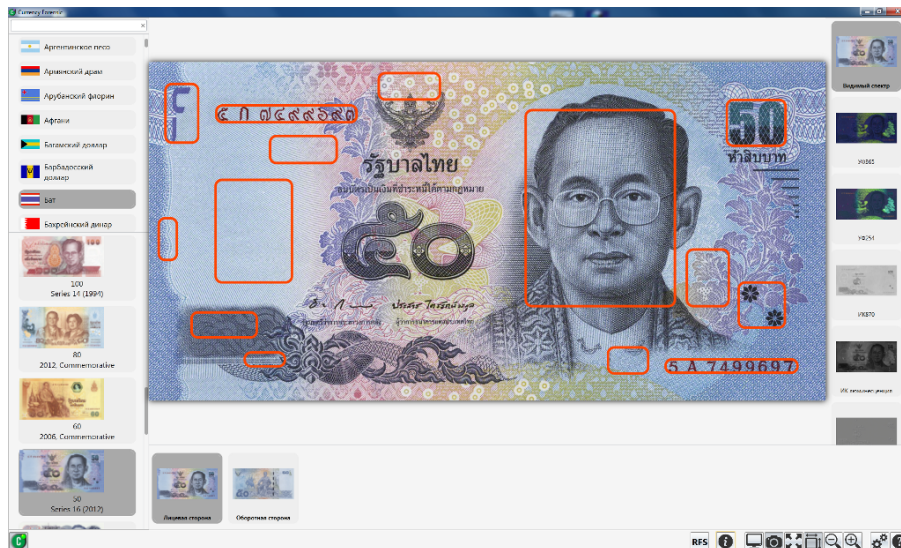


Image of banknote in white light

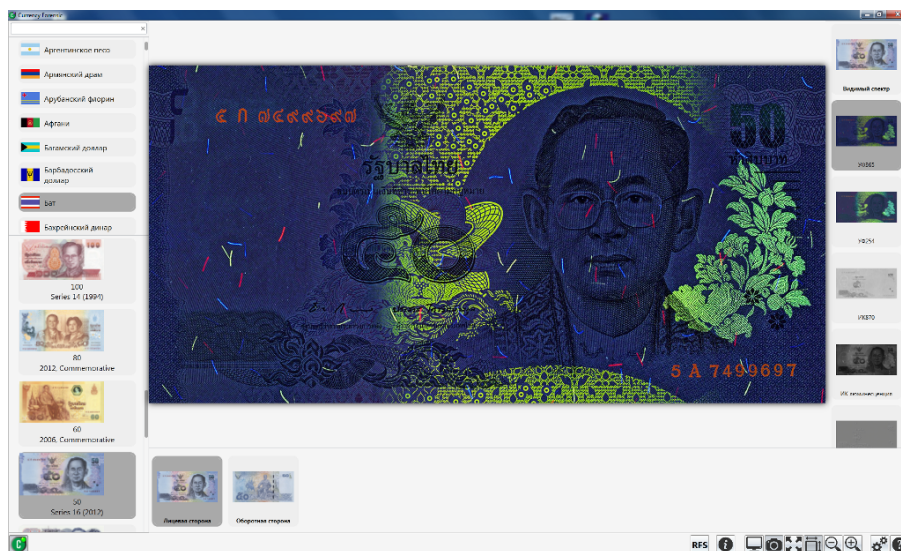


Image of banknote in UV (365 nm) light

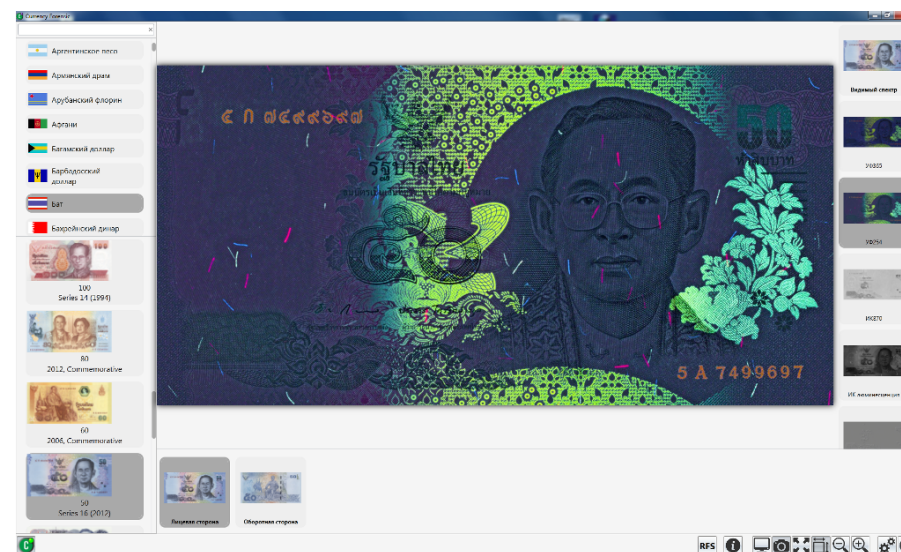


Image of banknote in UV (254 nm) light

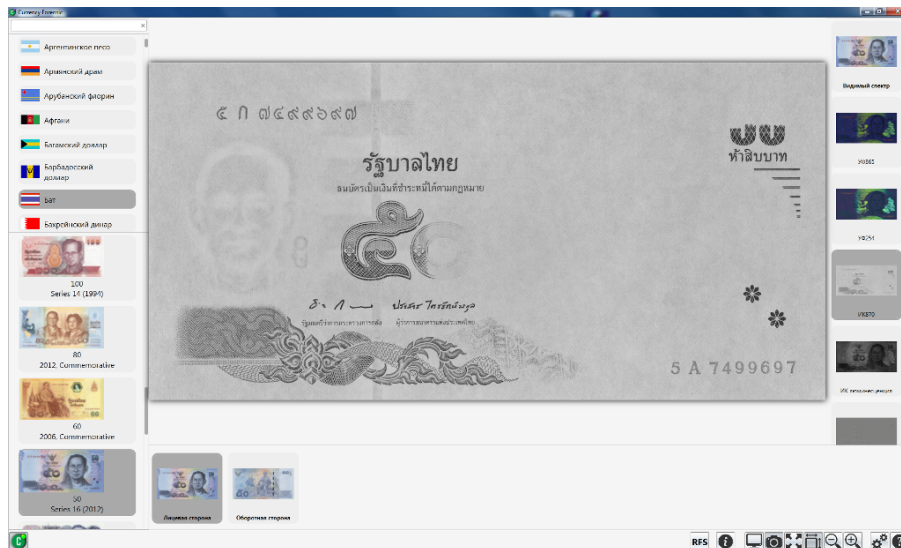


Image of banknote in IR (870 nm) light

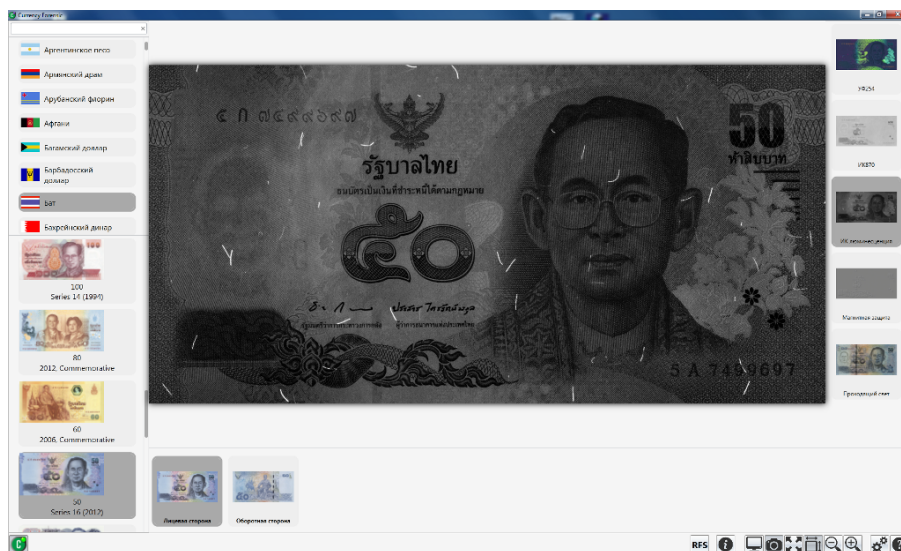
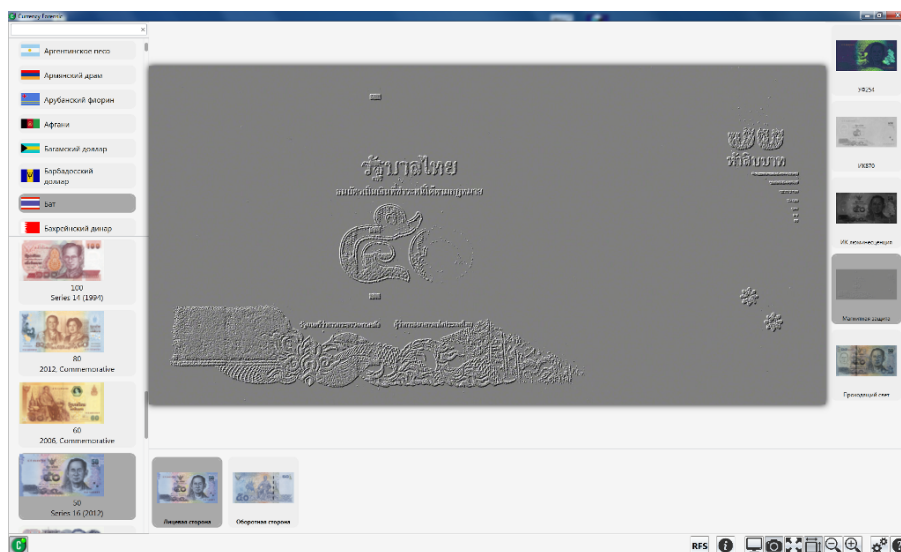


Image of banknote in IR luminescence



Magnetic card



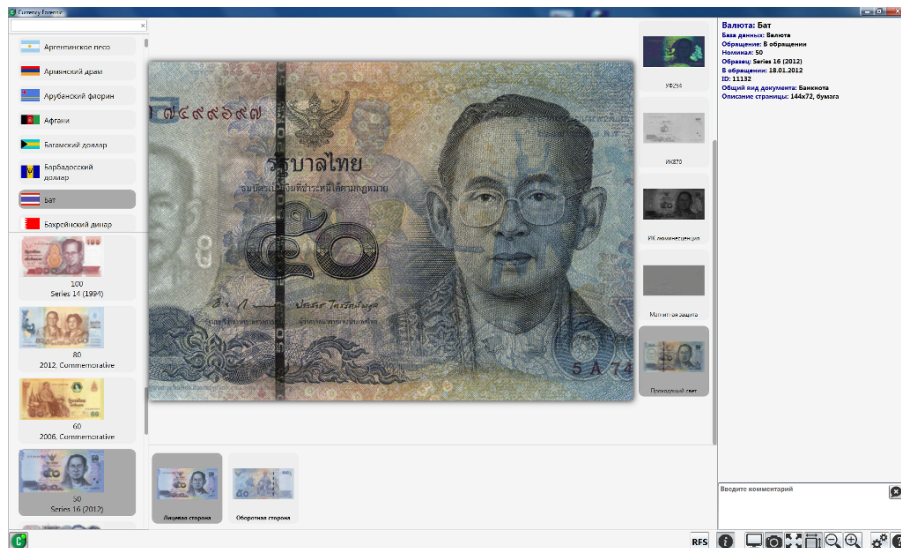
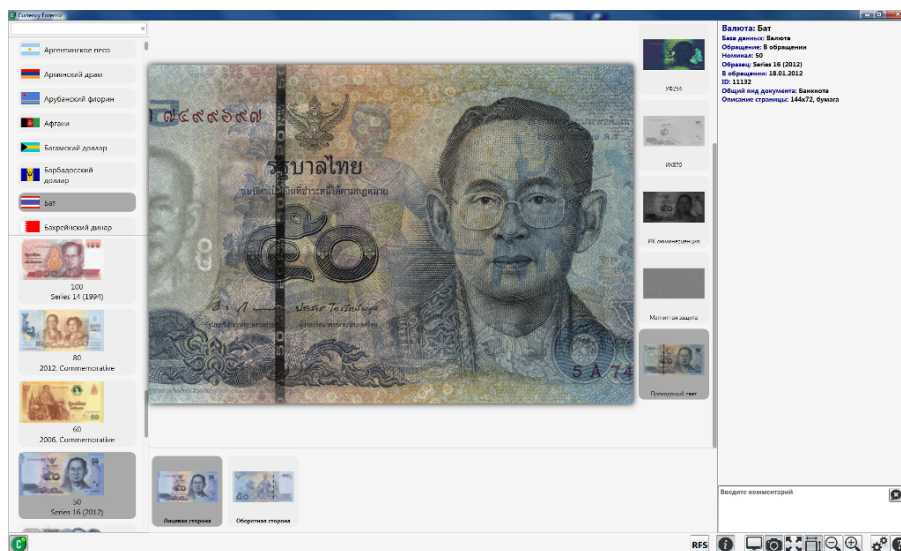
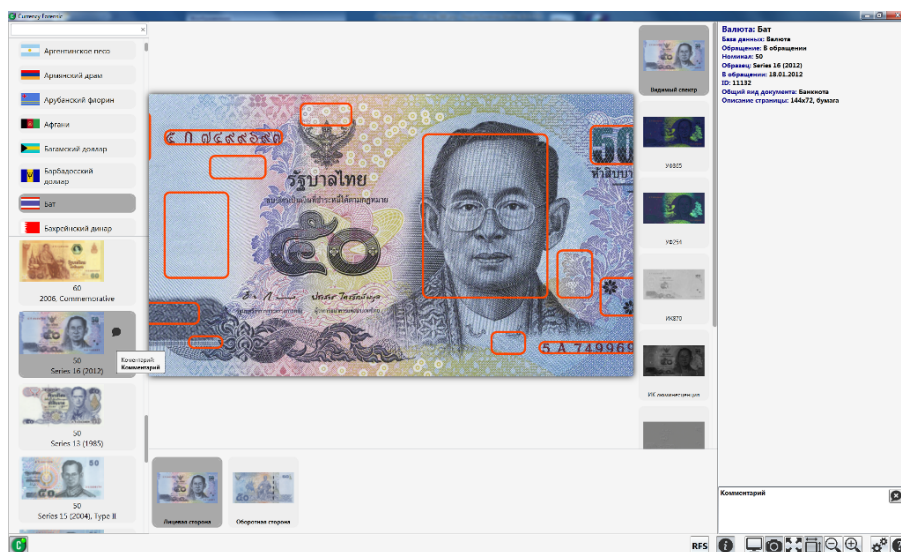


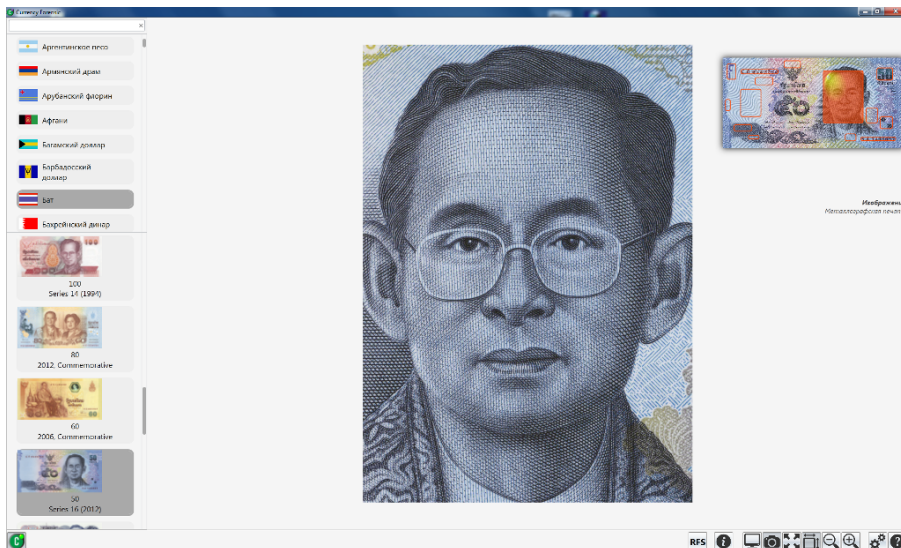
Image of banknote in transmitted light



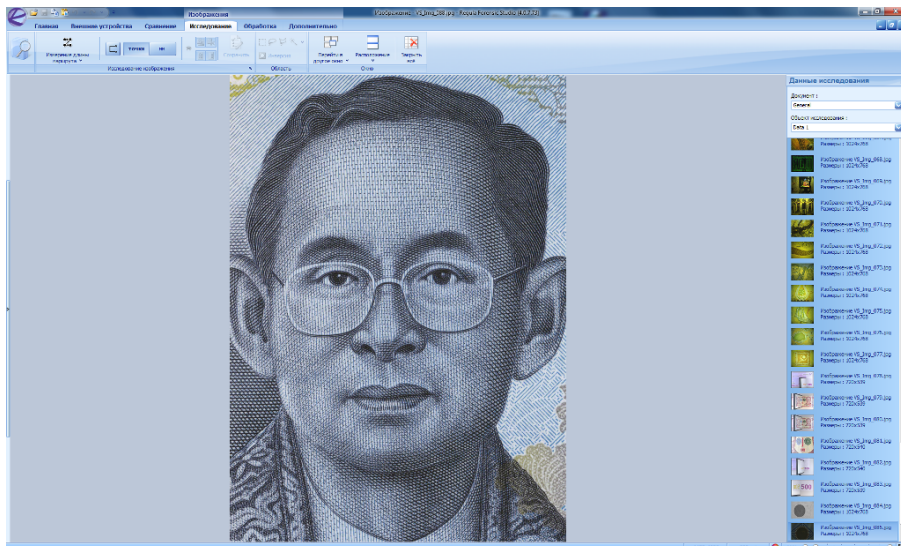
Detailed information about banknote



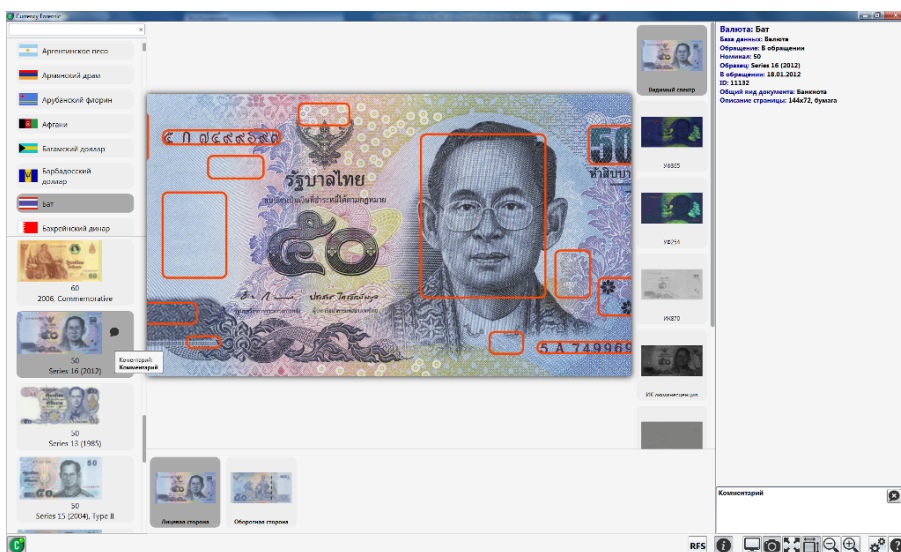
Possibility to add comments to existing banknote



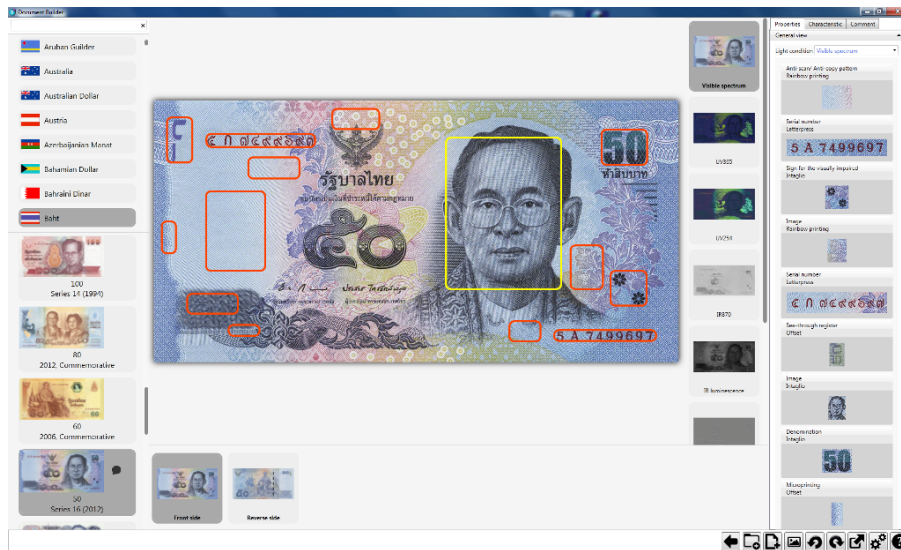
Fragment of a banknote: illustration, intaglio printing



Integration with Regula Forensic Studio software



Integration with Document Builder software



Integration with Document Builder software