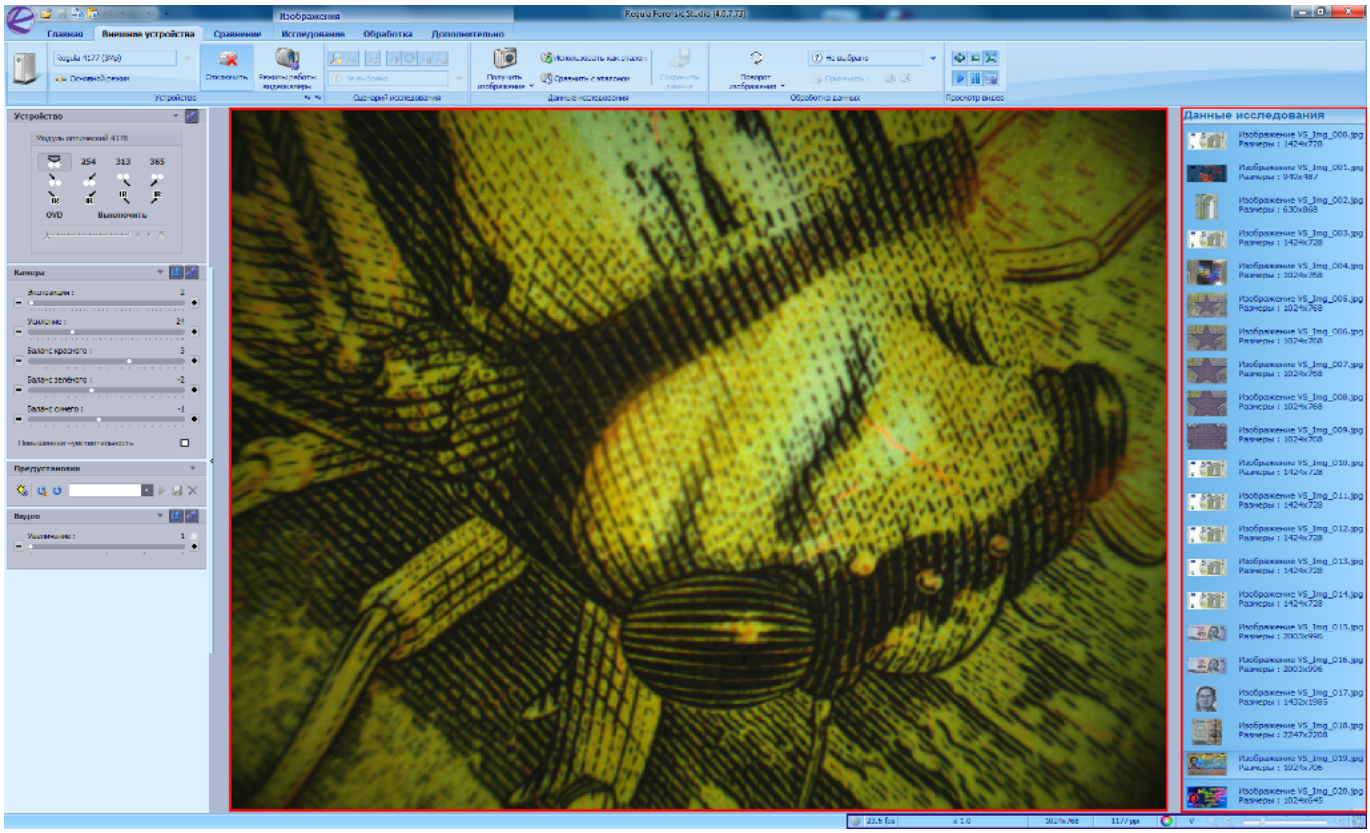
Certified Quality Management System

Software «Regula Forensic Studio»

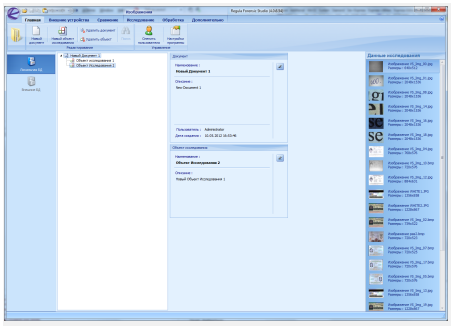


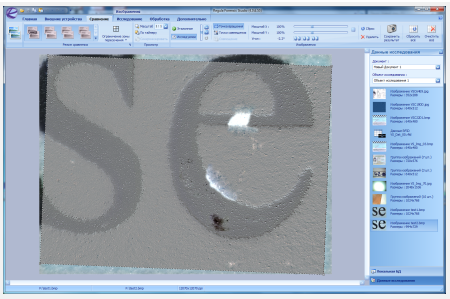
The software is intended for express authenticity verification and advanced examination of passports, ID cards and other travel documents, visa stamps and seals, including but not limited to entry permits, banknotes, driver's licenses, vehicle registration certificates and other vehicle related documents, signatures and handwriting fragments, revenue and special stamps, securities and other documents with security features.

This professional software product should be used for obtaining and processing images when operating Regula devices.

Functionality

- Operating Regula devices
- Obtaining, processing and analyzing:
    - visual data — images — from:
        - Regula devices
        - other image input devices (video grabbers, scanners etc.)
        - graphic files
        - information reference systems
    - non-visual data, e.g. data from an RFID tag
- Storing examination results in a local database
- Comparing examination results with reference images from information reference systems

Sections	Description	Interface
Main	• Providing access to basic settings of the program (a list of users, language, etc.). • Maintaining the hierarchical structure of examination data (the list of documents and their contents)	
External devices	• Working with external devices • Capturing video images and obtaining non-visual data • Additional processing of live video	

Comparison	• Two ways of comparing two still images or a still image and a video image:
	  ◦ overlay using different processing algorithms
	  ◦ automatic superposition of examined objects guided by two or more points with the possibility to adjust the scale, rotation angle and transparency
		

Examination	• Carrying out various types of image examination • Saving examination results for further use	

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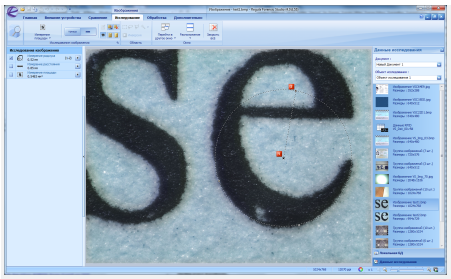
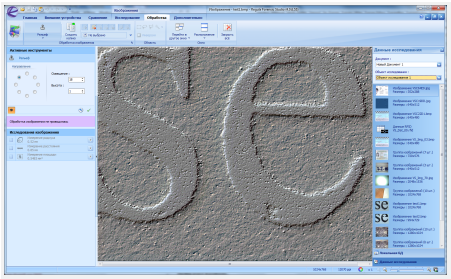
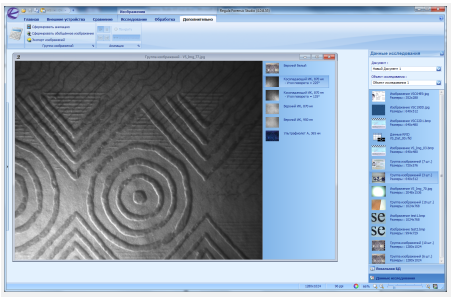
		
Processing	• Modifying images with the help of various tools • Recording macros for processing images, including video images	
Additional	• Creating animated and generalized images of examined objects	

Multilingual interface

- English
- Chinese
- Latvian
- Polish
- Portuguese
- Russian
- any other language (at customer's request)

Application

- Forensic services
- Banking institutions
- Border control/immigration services
- Customs authorities
- Visa support agencies, consulates, notaries
- Law-enforcement authorities
- Other agencies and organizations authorized to check documents

Delivery set

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

The USB dongle is not required when using Regula Forensic Studio with Regula devices.

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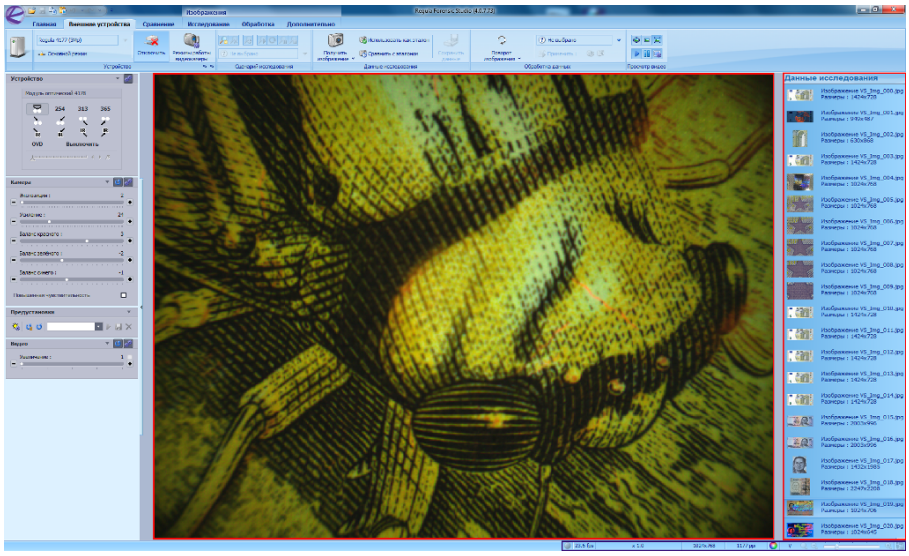
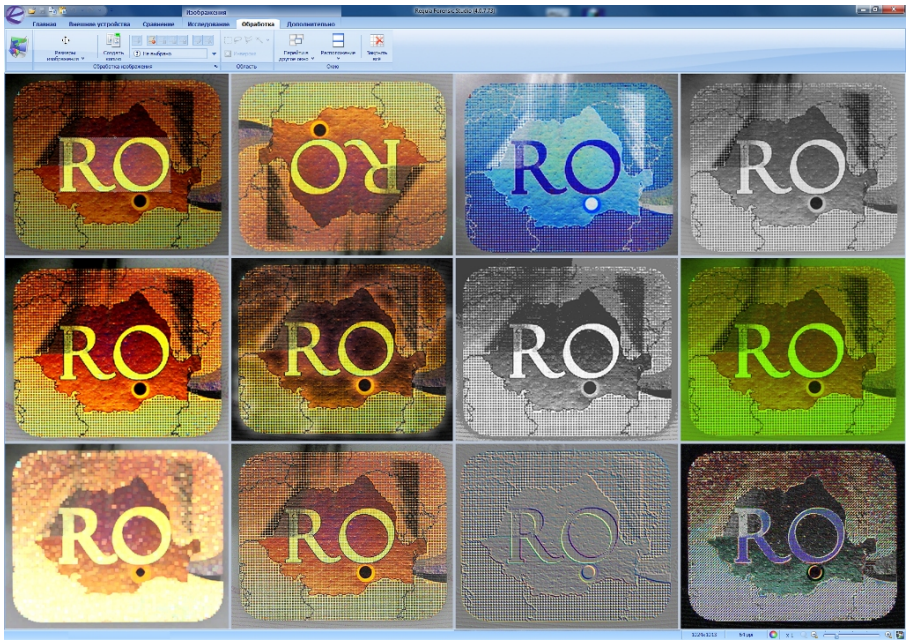
PC requirements

- Minimum configuration:
  - OS — Microsoft Windows 7 (Service Pack 1)
  - processor — Intel® Core™ i5 3.0 GHz
  - RAM, GB — 4
  - minimum free disk space, GB — 1
  - display resolution, pixels — 1600×1200
  - connection interface — USB 3.0
- Recommended configuration:
  - OS — Microsoft Windows 7 (Service Pack 1)
  - processor — Intel® Core™ i7 3.4 GHz
  - RAM, GB — 16
  - minimum free disk space, GB — 1
  - display resolution, pixels — 1920×1200 or higher
  - connection interface — USB 3.0