



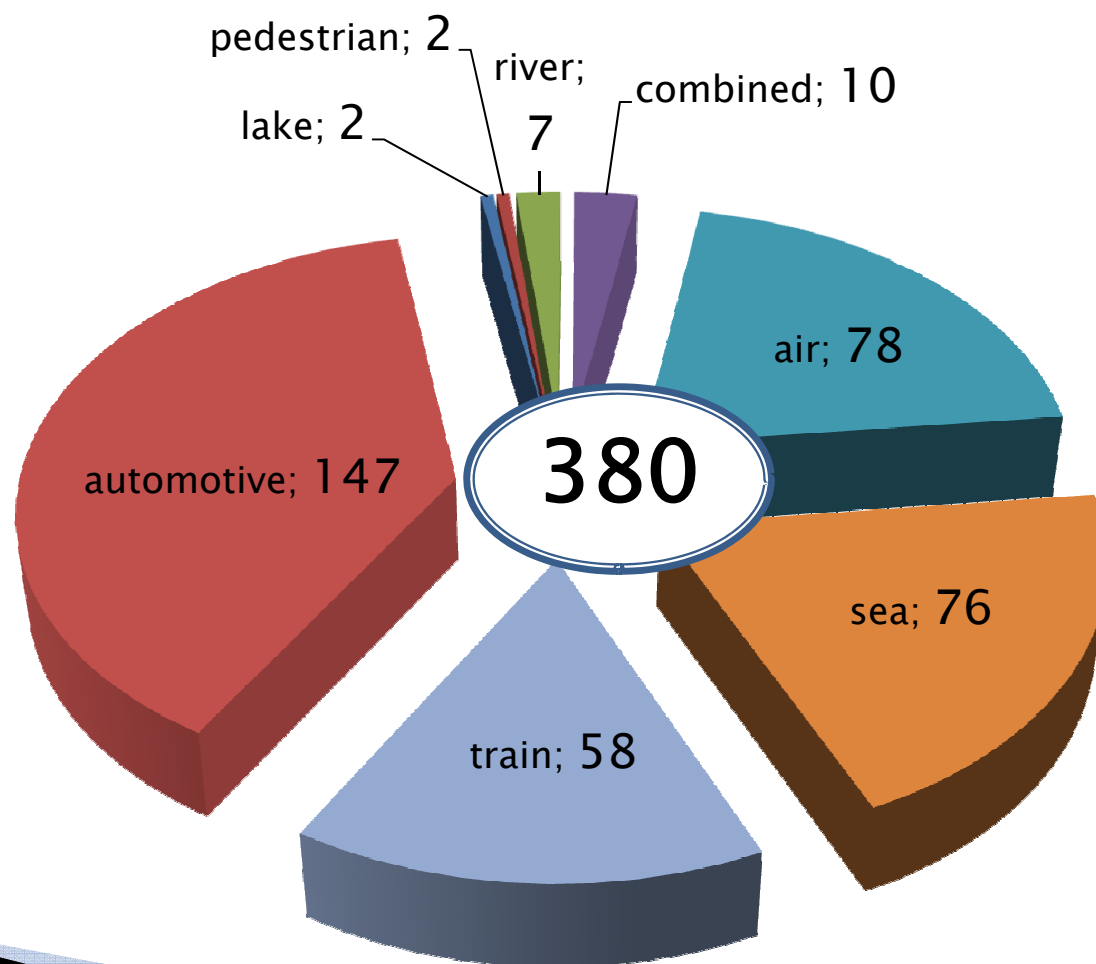
P.I. Martynov

«Border control specialists training»

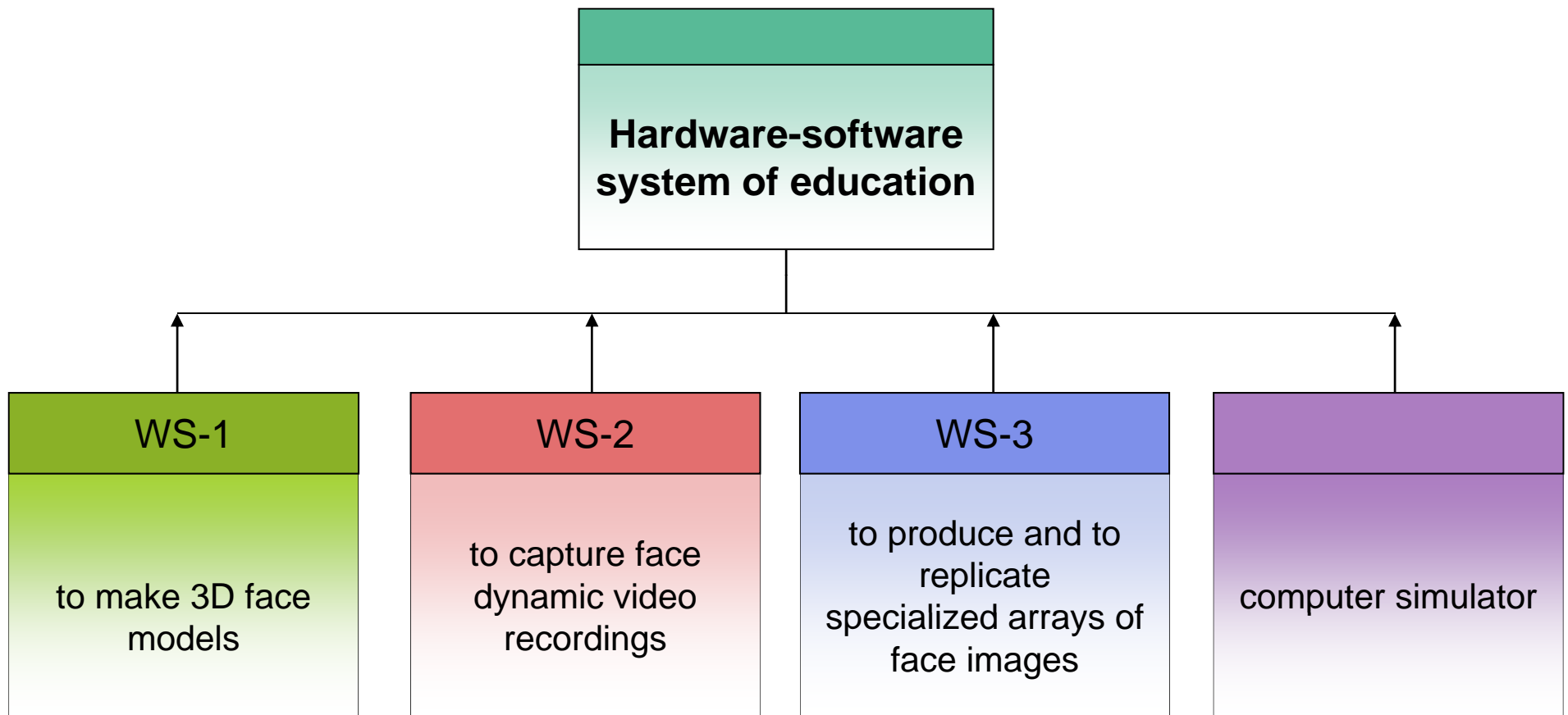


Distribution of border checkpoints on the kinds of international communications

(for the date 01.06.2011)



The structure of system «Visit»

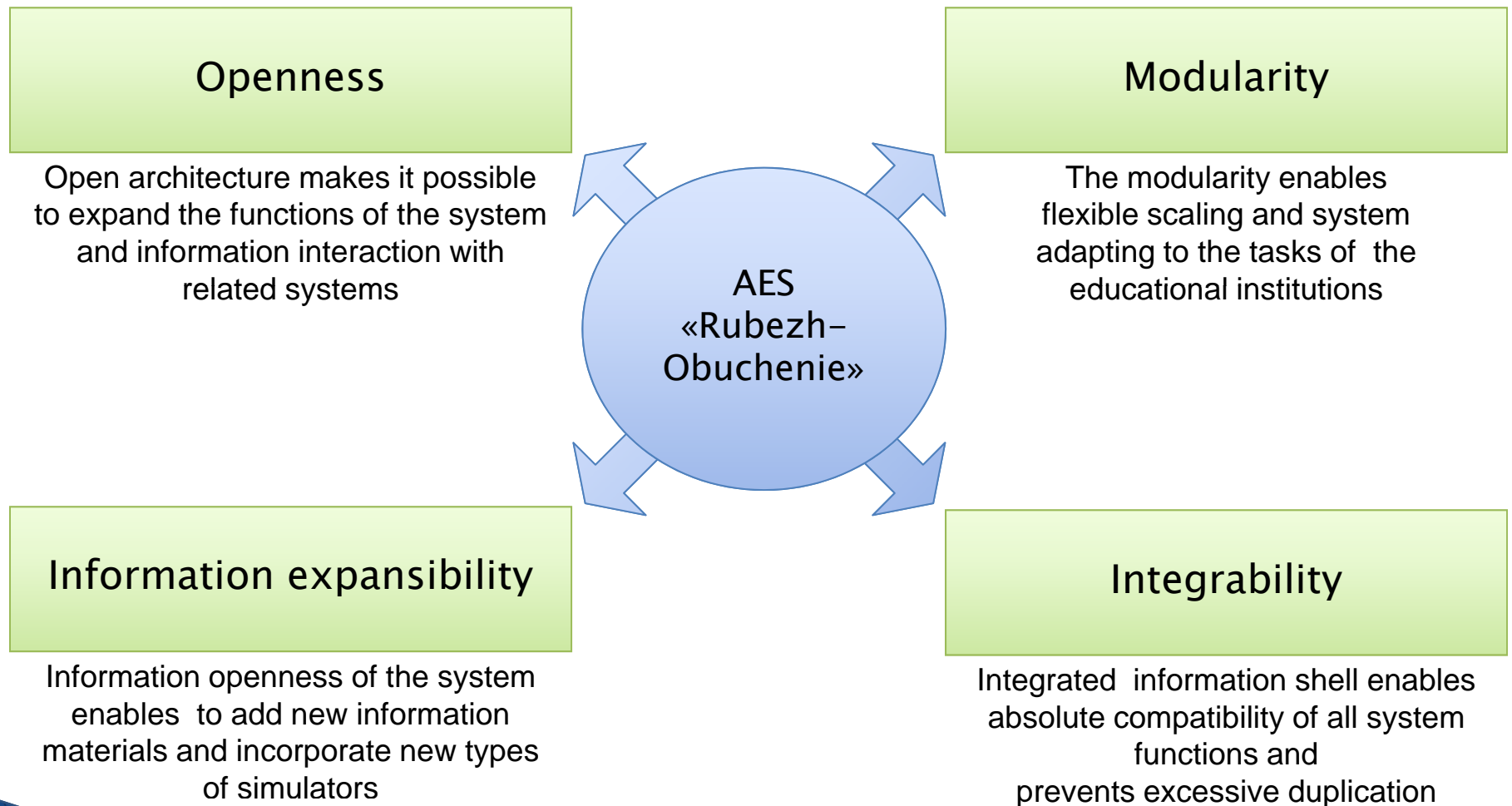


Note. WS – work station

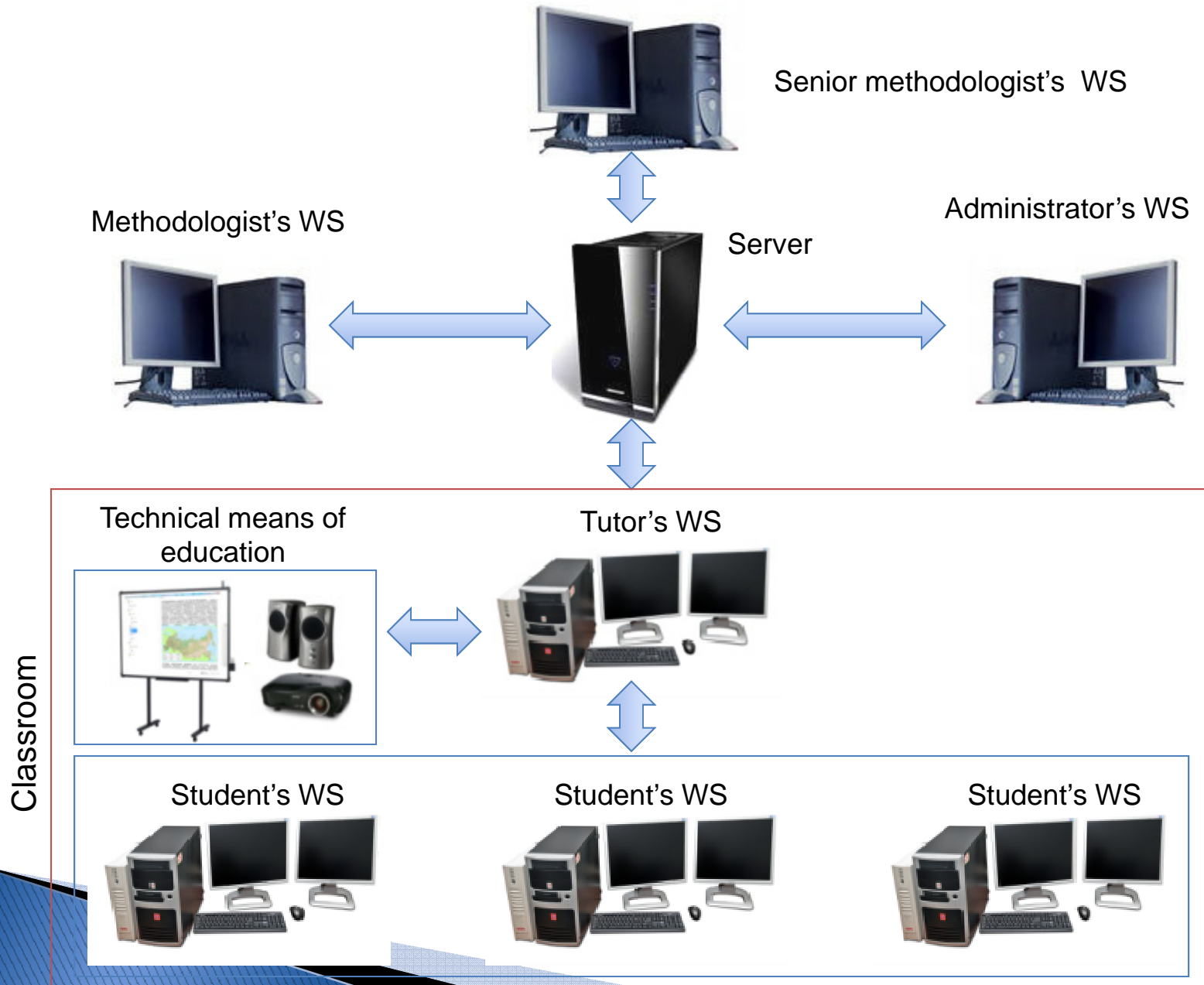
Purposes of Automated Education System

- preparation and storage of educational materials for all kinds of activities in accordance with the approved curriculum and thematic plan;
- study in accordance with the approved schedule;
- study of the laws regulating particular activities at checkpoints across the state border;
- studying of samples of border control technical means and of the other information technology means for border control;
- study and training of passport and visa documents forgery recognition;
- study and training of identification;
- study and training of working on the automated work places of system «Cascade»;
- study and training of border control schemes modeling;
- realization of current, intermediate and final education control.

The main concept of Automated Education System (AES)



AES structure

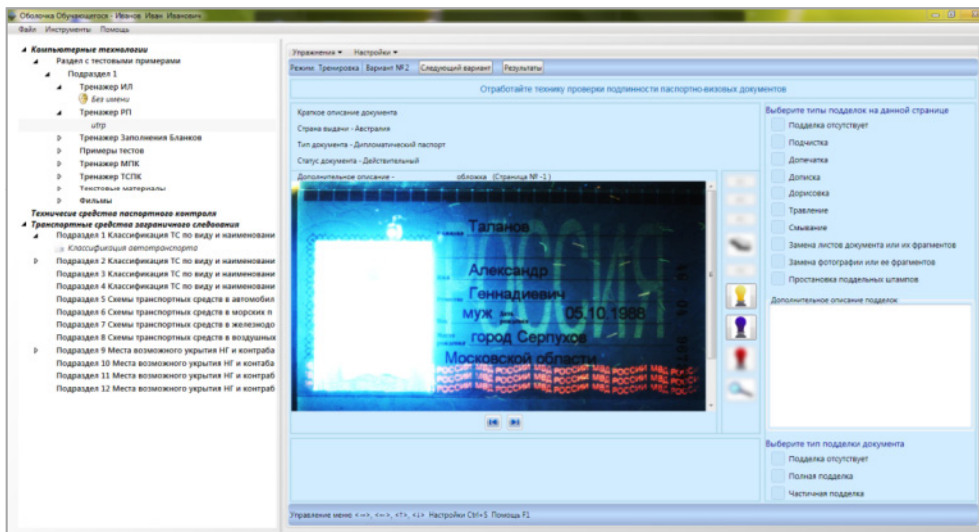


Forgery recognition training simulator

Passport security features description

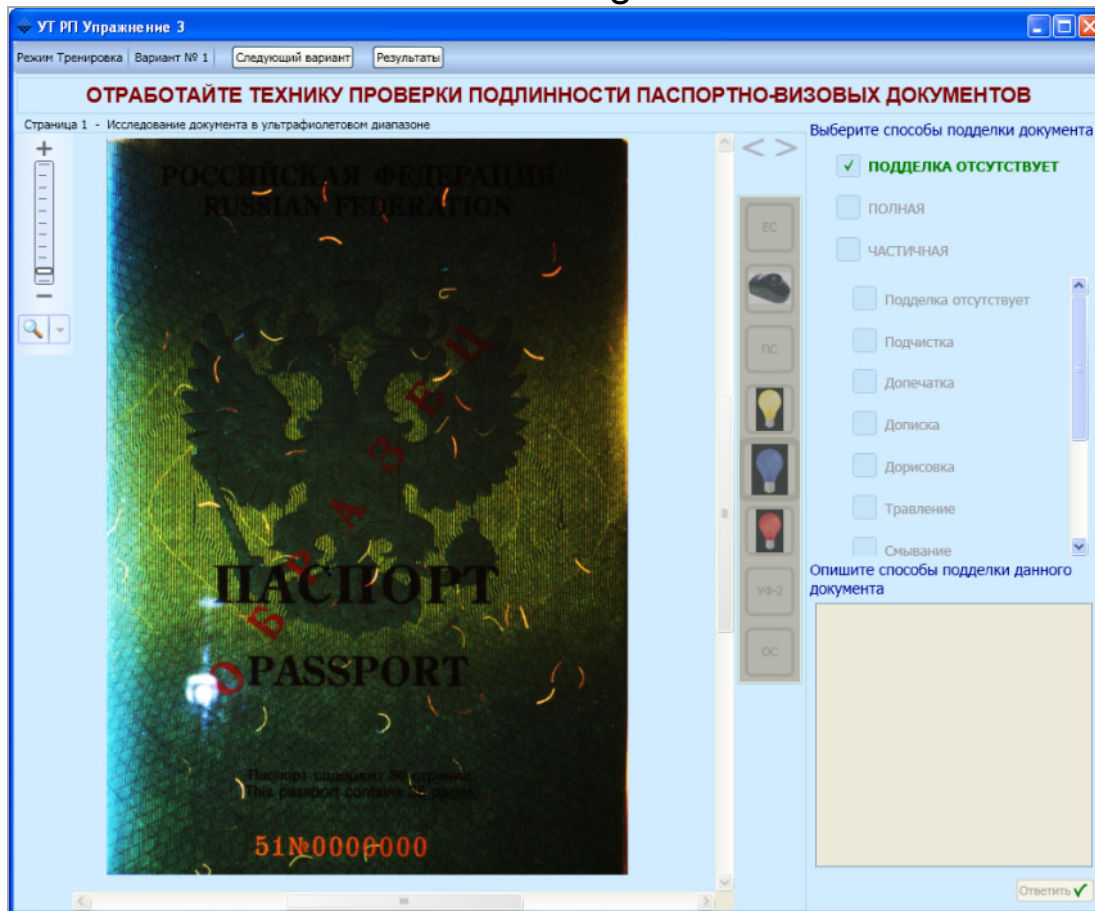
Passport research methods description

Passport analysis

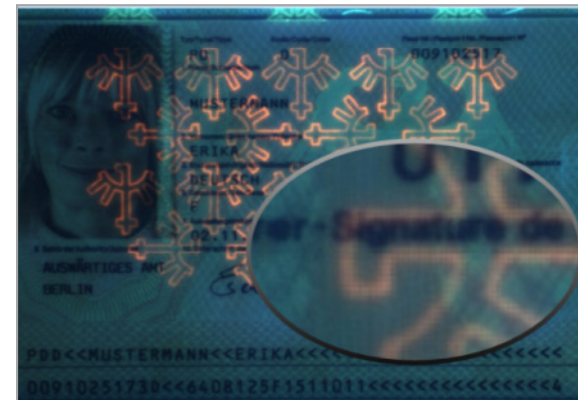


Using of forgery recognition training simulator

Training



Different means of passport check (UV, IR, Visible, PC and other)



Identification training simulator



Facial features description

Facial features description by photo

Facial features description by photo in the case of short-time present

Comparison of images with a set of photos to identify the person

Comparison of video images with a set of photos to identify the person

Comparison of 3D images with a set of photos to identify the person

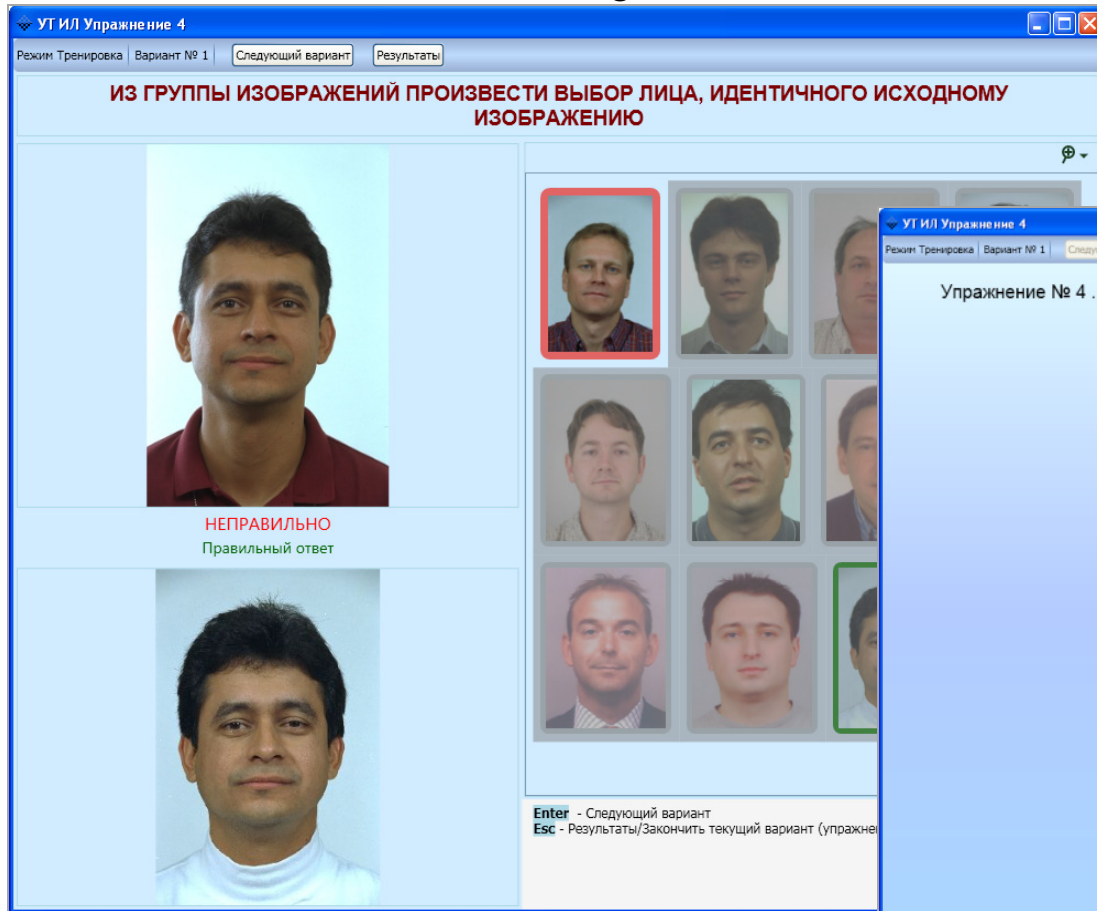
Making decision by mental image

Comparison of photos with one or more facial features

Integration with «Rubezh-Visit»

Using of identification training simulator

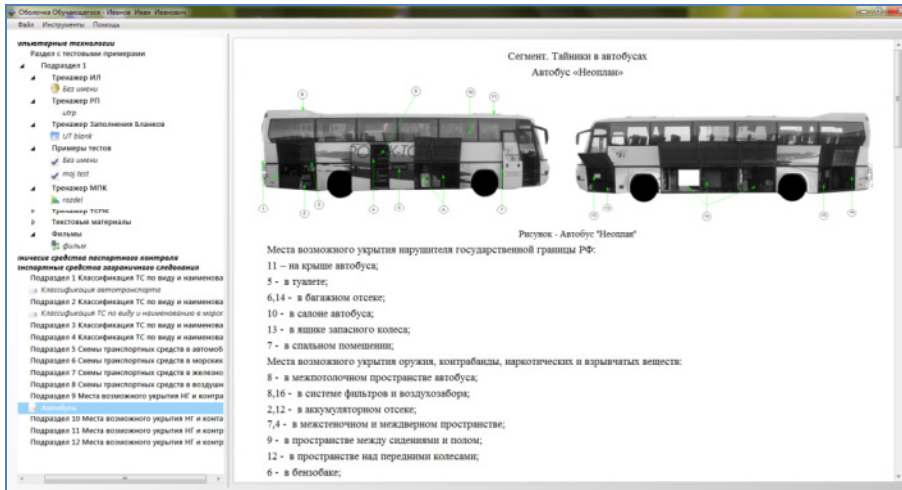
Training



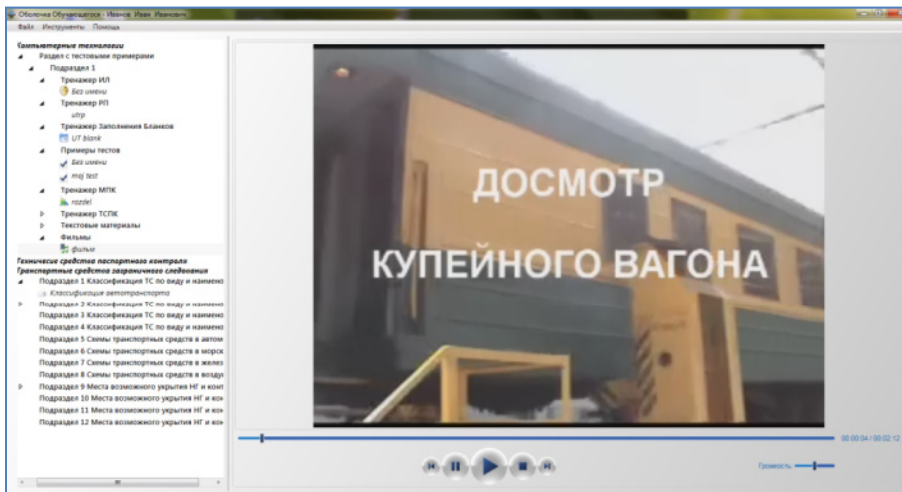
Results of training



Vehicles inspection training simulator



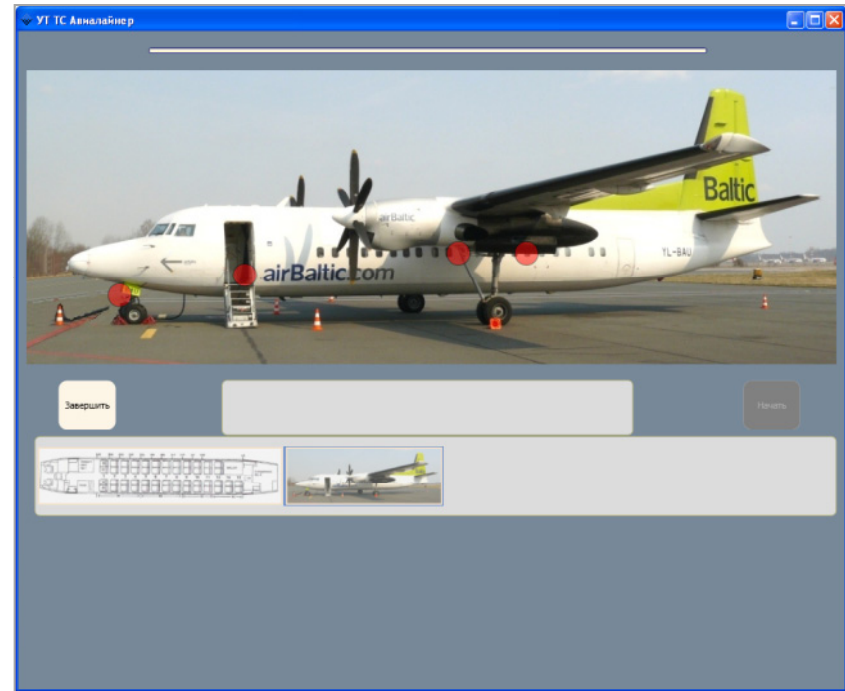
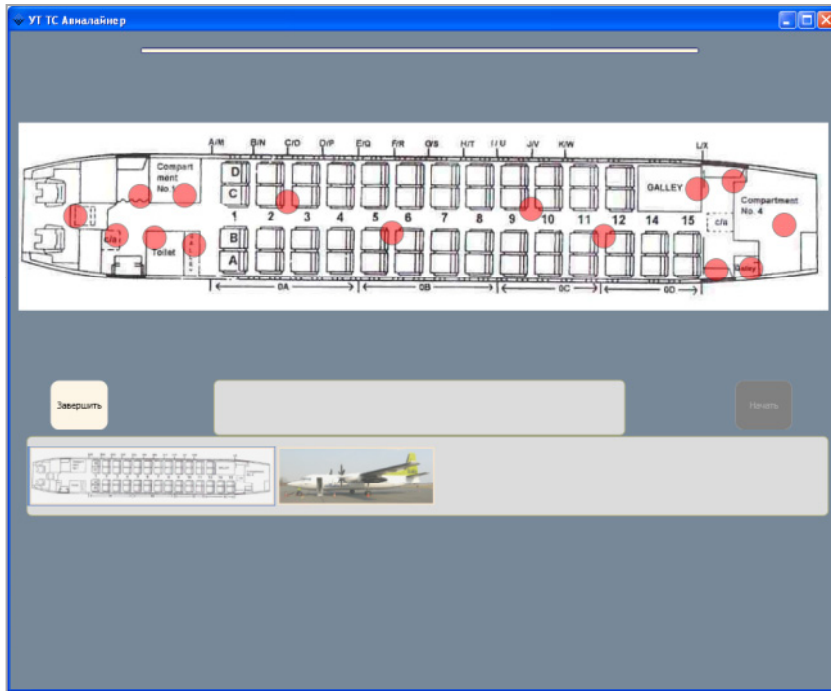
Study of vehicle inspection methods and procedures



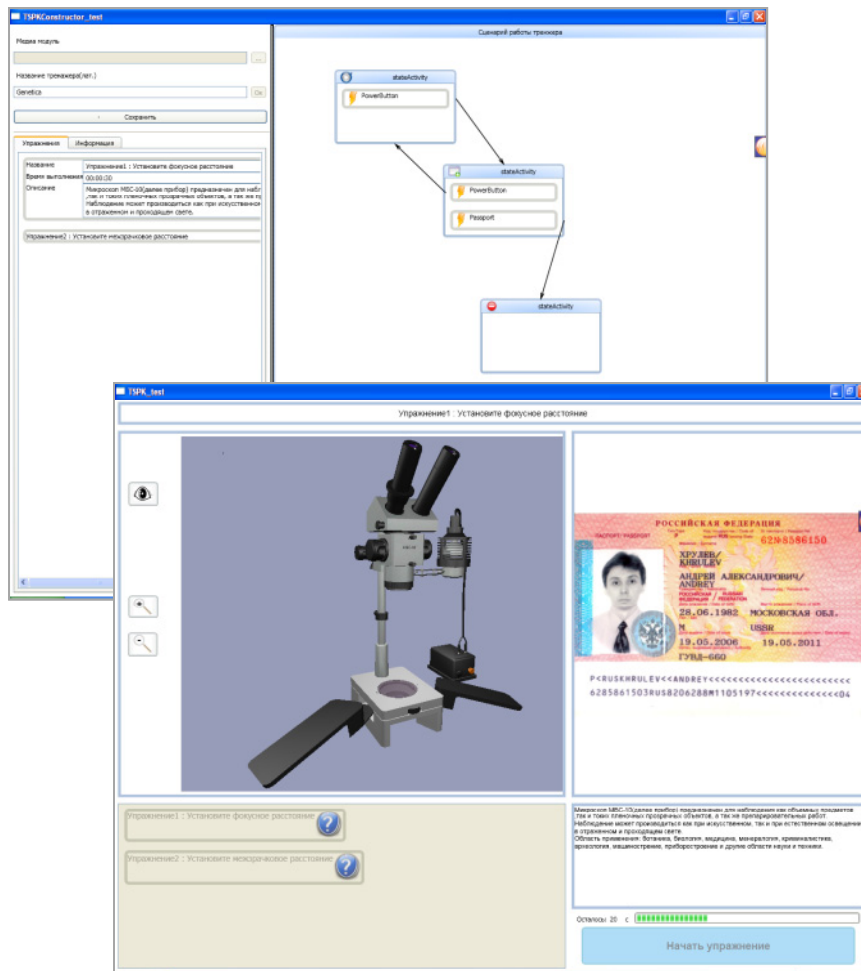
Monitoring of vehicle inspection procedures

Monitoring of vehicle inspection procedures

Monitoring of vehicle inspection procedures by different graphics



Training simulator of border control technical means

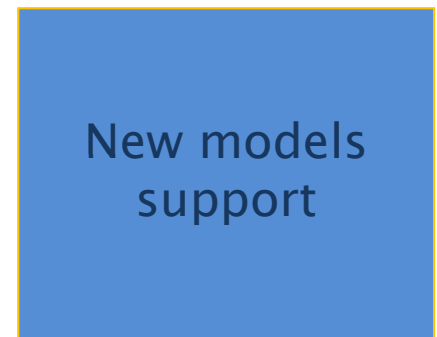
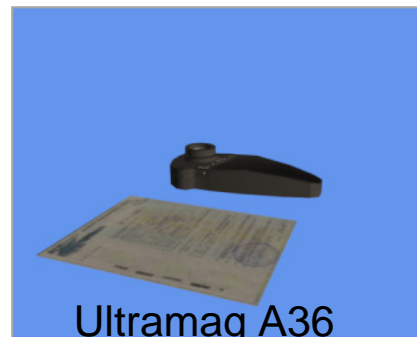
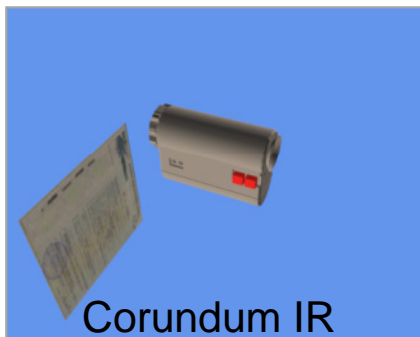
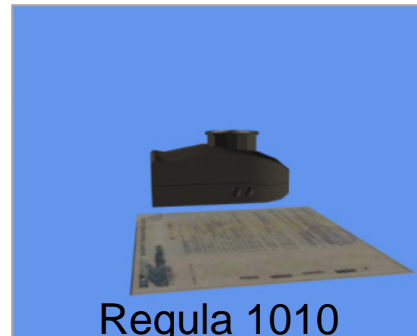
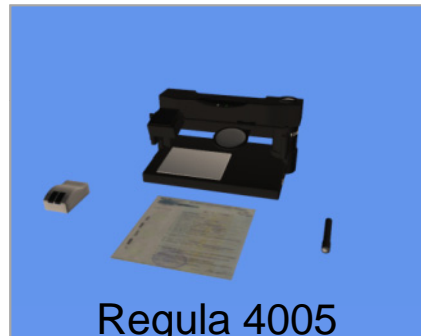
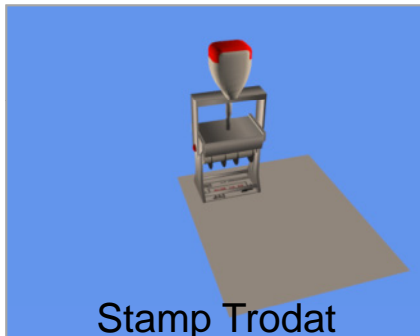
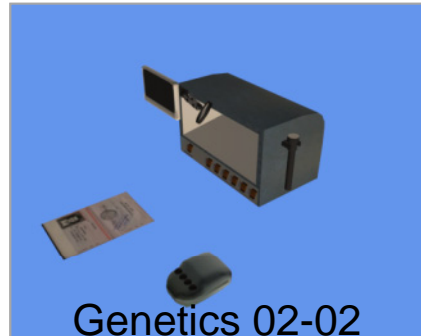
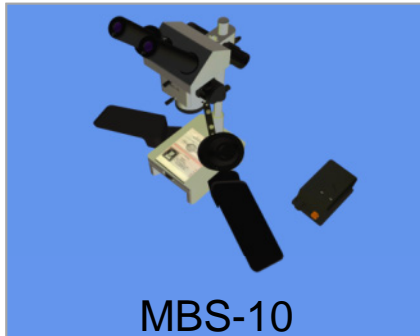


Study of work methods and characteristics of border control technical means

Study of working with border control technical means in the mode of virtual device

Study of the functional units and components of border control technical means

Interactive 3D-models



Using of training simulator of border control checkpoints schemes design

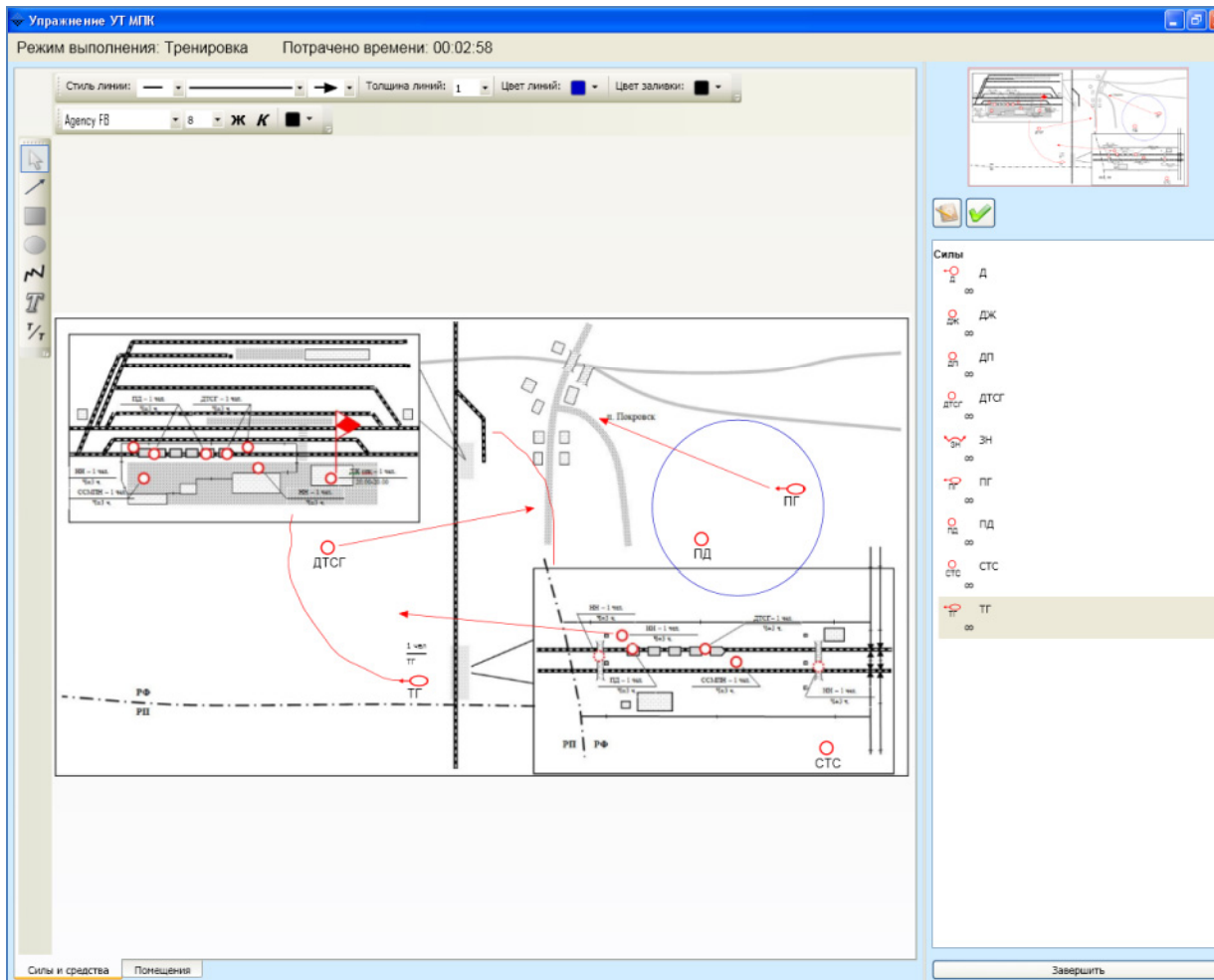


Схема с расставленными элементами

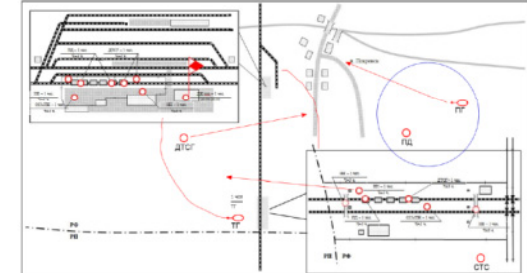


Таблица сил и средств

Название	Мин	Мин Опт	Макс Опт	Макс	Выбран
ТГ	1	2	2	2	1
Д	1	2	3	4	0
ПД	2	5	8	10	1
ДТСГ	1	3	3	3	1
СТС	1	1	1	1	1
ДП	1	1	1	1	0
ПГ	1	3	3	4	1
ЭН	1	3	4	5	0
ДЖ	1	2	4	5	0

Training simulators of PC hardware and software complex

The screenshot shows a software training simulator window titled "Общая Симуляция". On the left is a navigation tree with categories like "Компьютерные технологии" and "Технические средства паспортного контроля". The main area displays a form for an "АКТ" (Act) regarding a document check at a border crossing. The form includes fields for "УТВЕРЖДАЮ" (Authorized), "Зачальник" (Chief), "Пункт пропуска" (Checkpoint), "Дата составления" (Date), "Мною" (By me), "в присутствии" (In the presence of), "предъявленного гражданином" (Presented by citizen), "в результате которой установлено" (As a result of which it is established), and "Подпись:" (Signature). Buttons at the bottom include "СОХРАНИТЬ ВАРИАНТ", "ПОКАЗАТЬ ВАРИАНТ", "Документы адм.практики", and "Закрыть".

Training and skills control of working by PC hardware and software complex WS

Training and skills control of formalized forms filling



Thank you for your attention!

