

# CLASSROOMS

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Equipping typical classrooms will ensure:

- Simple and clear visualization of the training material
- Audio accompaniment of the learning material
- The possibility of teamwork of students with the educational material
- Possibility of "quick" quizzes to determine the degree of assimilation of the material presented

## TECHNICAL SOLUTION

### *The typical classroom*

The main element of any school is, first of all, a classroom. Our company offers solutions that combine modern multimedia equipment and programs to provide truly engaging, innovative lessons using interactive and information technology in the teaching of all educational disciplines.



The main means of displaying information is an interactive system, which includes an interactive whiteboard, short-focus projector and software.



Blackboard technology is based on the principle of display projection system with the function of touch tracking.

Various versions of interactive whiteboards allow up to four users to work simultaneously: control all applications by touching the board, write and draw on it over the applications, save your notes in a file. Board connects to the computer via USB-cable.

The complex has the ability to be controlled remotely via IP network.

The system includes software for creating and conducting interactive lessons, which allows you to use the full potential of interactive systems. The interactive whiteboard is convenient for presentations, seminars, organizing the educational process and the work of the situation rooms and centers, increasing the information field of representation.



It is especially important to include a sound system. Acoustic systems perform not only a relaxation function, but also broadcast educational information. Sound performs a very important psychological function, so, for example, in case of a correct answer the student will hear a pleasant sound, or unpleasant if the answer is wrong. This will be an additional motivation in increasing interest in learning.

An interactive tablet and a document camera are placed on the teacher's desk for comfortable work.

The interactive tablet is an interactive display that, when connected to a computer and projector, allows you to write with a stylus in applications, access website materials and multimedia files, and display information on the interactive whiteboard for all to see, allowing you to remotely control the progress of the lesson and make corrections and comments.

Using the software, you can save your notes, screenshots, images, and other work in a single file. You can also save digital notes directly for several software applications, including AutoCAD® and Microsoft® PowerPoint®, Excel® and Word®.

Document camera is an indispensable assistant for teachers when conducting lessons. A document camera allows you to instantly transform any object into digital material. It allows you to engage students by displaying non-digital learning materials in real time. It will help bring life and interactivity to the lessons, keeping students interested in learning.



It allows you to display real-time images on an interactive whiteboard for the whole class. You can also record images and video and immediately turn them into digital materials for demonstration. The camera is able to zoom in on the smallest details, automatically focusing images and adjusting the brightness level according to lighting conditions. In addition, the camera's LED lamp provides enough light to show images in a darkened room.



The process of preparing students cannot be complete without timely testing, quizzes that allow you to quickly assess the level of knowledge obtained.

The interactive system of surveys offers a means of conducting tests designed to improve the quality of learning.

It helps to assess students through questionnaires that are easy to administer before, during, or after the lesson, thereby monitoring the level of mastery of the material. Moreover, this feedback helps to make the rest of the lesson as effective as possible.

The space in an interactive classroom is able to enliven the educational process, make it rich and create favorable prospects for retraining processes. Current educational trends show that the abundance of information that is bombarding a student cannot be productively mastered in a traditional format.

Only in the new format of teaching students will be able to use their full potential, and interactive equipment helps move from the old system of teaching to the new - creative.

Most of the proposed elements are already actively used in many modern schools and are successfully integrated into the educational process, contributing to a significant increase in its effectiveness.

