

A new dimension of networks

Student line unit

The line units connecting the students' workstations are small enough to fit into cable ducts.

MKVision plus is a bus network using different connectors (plug / jack) for unambiguous bus connection.



"Classic" and "basic" versions

For customers who do not make full use of the MKVision plus comfort version for their computer training, Systech offers the "classic" and "basic" versions. The table below gives an overview of the functions available with each version.



Keyboard of the "classic" and "basic" versions

An essential feature of the MKVision plus network technology

The MKVision plus network uses transmission technology that matches the very high screen resolution which is standard for modern computers.

MKVision plus: a pure and simple hardware solution!

The education network is a pure and simple hardware solution that is installed in addition to the computer hardware. No computer manipulation,

no software adaptation required! MKVision plus is independent of any operating system!

Operational with all current standards

The system supports all current analog standards, such as VGA and also UXGA, AT keyboard, PS/2 keyboard, serial mouse and PS/2 mouse, Apple Macintosh or Siemens-Nixdorf terminals.

Logic keyboard

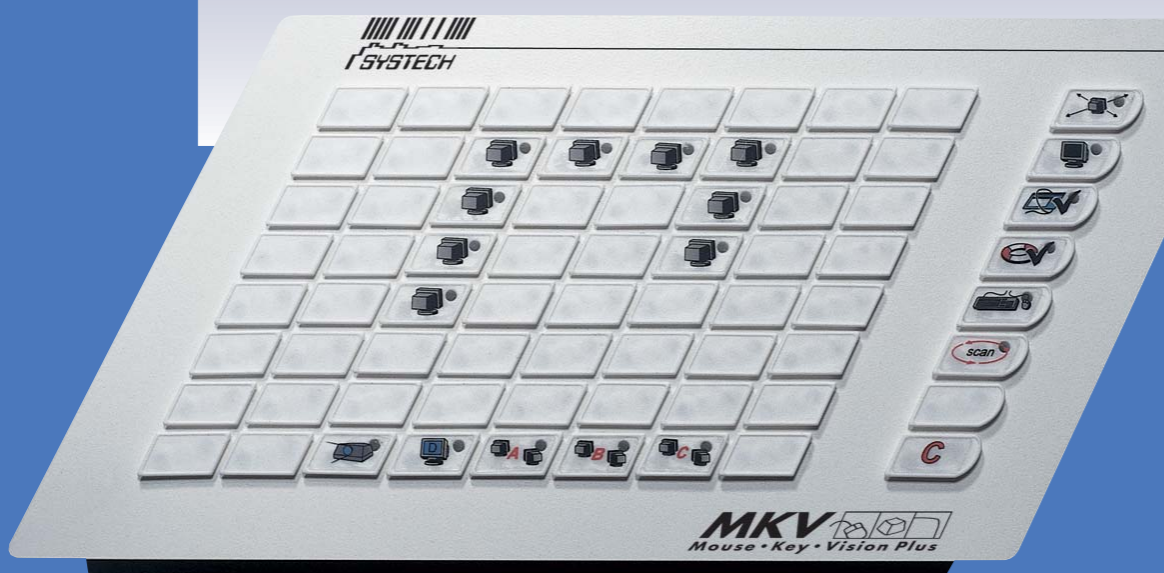
A special MKVision plus feature

A brief glance and pressing a key: and voilà, the student has been selected!

The keys can be arranged in the MKVision plus keyboard so as to reflect the classroom situation. Your advantage: the location of workstations can be identified by a quick glance at the keyboard.



Classroom organisation: e.g. the students' workstations are grouped to form a "U" as are the keys on the keyboard.



Functions available with the MKVision plus versions

MKVision plus	basic	classic	comfort
Teacher screen for all or individual students	•	•	•
Student screen for all or individual students	•	•	•
Teacher views one student screen	•	•	•
Blanking all student screens	•	•	•
Students calling up a screen image released by the teacher (additional key)	•	•	•
Mouse and keyboard interconnection (teacher remote controls student PC)		•	•
Automatic mouse and keyboard lock		•	•
Student remote controls teacher PC		•	•
Student help request		•	•
Automatic student "scan"		•	•
Grouping		•	•
Control panel lock		•	•
Logic keyboard (keys arranged to reflect classroom situation)		•	•
Maximum of 17 workstations, incl. teacher	•	•	
Maximum of 56 workstations, incl. teacher			•

Specifications

Video bandwidth:	300 MHz, resolution up to 1600 x 1280 pixel	Dimensions (in mm):	Student unit: 124 x 105 x 51 Control unit: approx. 275 x 120 x 25-70 (comfort) approx. 173 x 92 x 25-35 (basic / classic) Power pack: 283 x 181 x 76
Keyboard:	6-pole Mini DIN (PS/2) and 5-pole DIN	Optional integration of:	Video beamer / LC display notebooks, video recorder, video camera
Mouse:	PS/2 and serial (D-sub 9-pole)	Power supply:	central
Student unit connections:	Monitor - HD-D-Sub 15-pole Keyboard - 6-pole Mini DIN (PS/2) Mouse - PS/2 and D-Sub 9-pole Bus - Mixed D-Sub 13W3		

MKVision plus complies with the following safety standards:



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A new dimension of education networks:
MKVision plus
for more efficient computer training

The education network

MKVision plus

The education network MKVision plus has been developed specifically for teaching purposes. It connects the teacher's PC with those of the students in such a way that all the essential teaching functions are made available through a direct link between teacher and students.

Task setting, instructions, demonstrations, check-ups, and teacher assistance – the entire spectrum can be transmitted directly through the network connecting the PCs of the teacher and students. **Relieved from the primarily technical functions, you are free to concentrate on your teaching concept.**

Select students, control instruction processes – all it needs is to simply press a key

The entire classroom communication is controlled by simply pressing a key. The keyboard is clearly structured and includes "address keys", which are marked to identify each student, as well as function keys. The address keys are used to select the students' PCs as required, while the function keys provide for flexible control of the instruction process. Just one single key needs to be operated to allow the teacher to view the screen of a student, transmit an image to all PCs, or blank the screens.

Mouse and keyboard remote control

Mouse and keyboard remote control provide for perfect interaction between teacher and student. Once actuated by pressing a single key, this function allows the teacher to demonstrate, for instance, his own solution on the student's monitor, while the student can in turn present his approach to solving a given task.

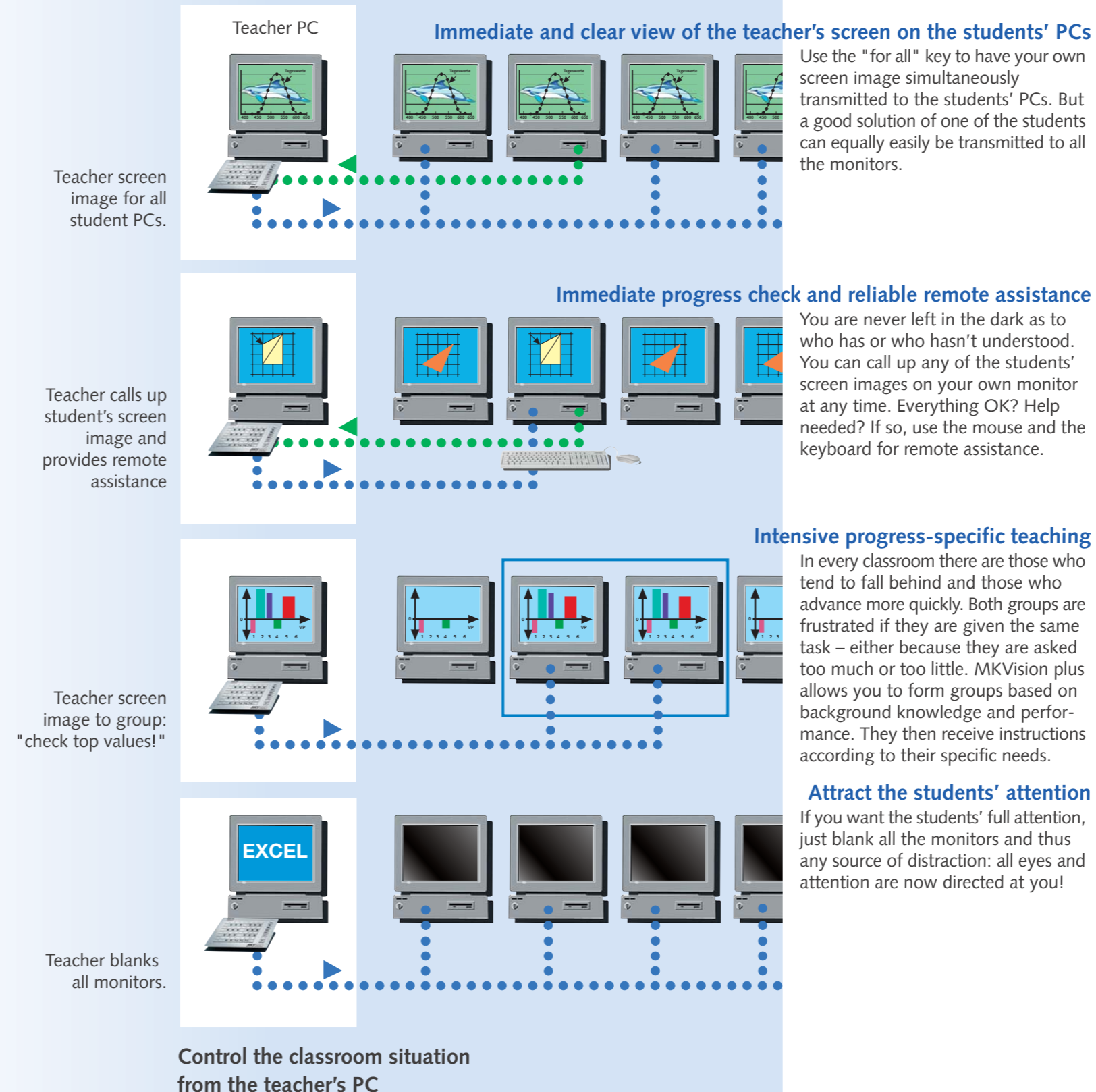
Locking the keyboard

Operation of MKVision plus can be locked completely by means of a key-operated switch. The last setting will in this case be preserved until the system functions are restored. The students can, however, proceed with their work on their own workstations – again irrespective of the function last activated.

Keyboard MKVision plus comfort

Improving efficiency in computer training

Working with the education network – a set of examples



Competence and quality

In 1985 Systech was the first company to introduce its education network at a trade fair. Reliable and quality-approved products are the result of long years of systematically developed know-how. They always fully comply with state-of-the-art technology, and they are always one step ahead. The key to Systech's success lies in the fact

that ideas, development and production are concentrated in one and the same company, and since they have their own distribution department, the clients' experience can fully be integrated into their development work. Competence, quality, and the latest technology – these are Systech's trademarks.

Calling for the teacher's assistance

If there are problems, the students can use a special button to ask the teacher for help discretely.



Calling for a screen image

Similar to a projection, students can take a look at task details or a sample solution whenever required. For this purpose, they use a special button to call up an image selected and released for use by the teacher.

Some of the most renowned clients who are convinced of the benefits of MKVision plus:

- SIEMENS • Dasa • TÜV Hannover
- Linde AG • Regional finance offices in Munich and Cottbus • BaAN
- IBM • Academy for teacher training
- Wüstenrot • Bosch • Lufthansa
- VGH • Versicheringsgruppe Hannover • Banks:
- Nord/LB, Volksbank • Police training centres Baden-Württemberg
- FH Frankfurt • VHS Neustadt
- Daimler-Benz Aerospace • University of Dortmund • TUI • Ministry of state of Bavaria • VHS Hannover
- Westdeutsche Lotterie Münster • Volkswagen AG • Hewlett Packard