



BEIJING QIZHE EXPERIMENTAL SCHOOL USES KVM SYSTEM

TO PROVIDE OPTIMAL CARE FOR DEAF CHILDREN



THE CUSTOMER

The Beijing Qizhe Experimental School is the oldest school for deaf children in North China. Founded in 1919, the school was last restructured in 2010 and received its current name.

The school offers comprehensive, high-quality educational programs covering all stages, from preschool to primary school, junior high school, general high school, and vocational school. Students can earn a recognized qualification that enables them to pursue higher education. Beijing Qizhe is regarded as a model institution for special education. It provides deaf children with a place where they enjoy learning, feel comfortable, and receive support. To achieve this, classes are small, and students receive individualized attention through a tutoring system.

Equipped with a wide array of cutting-edge devices for speech and hearing rehabilitation and modern teaching tools, the school also features specialized facilities such as a hearing test room, training room, rhythm room, library, and dedicated rooms for computers, art, calligraphy, crafts, cooking, baking, and tea preparation. To foster inclusion, the school collaborates with local regular schools. For instance, its students participated in a citywide robotics competition and won first place.

THE CHALLENGE

In addition to its school program, the Beijing Qizhe Experimental School provides a dormitory for deaf students. Dormitory management and supervision, including a morning wake-up system designed to wake deaf children by vibrating their beds, are handled via a computer located on the ground floor. Administrator workstations on each of the four upper floors require access to the computer system on the ground floor. It was essential that all administrators could access the system from their respective workstations without delays or video quality issues to ensure the best possible care for the deaf children.

In the original setup, administrators had to leave their respective floors to operate the management system on the ground floor, which was time-consuming and prevented continuous supervision on each floor.

THE SOLUTION

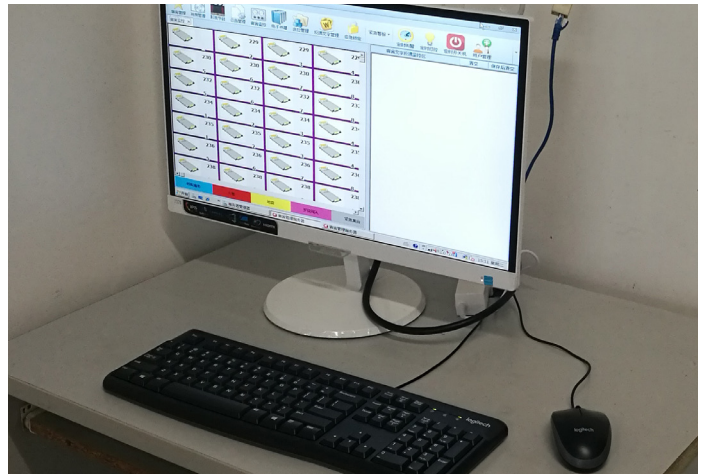
To enable efficient and decentralized computer access, Beijing Qizhe implemented a KVM matrix system from kvm-tec. This system connects the ground-floor admin computer to the other workstations. It comprises an MVX Masterline CPU Unit connected to the computer, which is linked via a compact 1G Ethernet network switch to the Masterline CON Units at the administrative workstations. Communication between the extender units and the matrix takes place over IP and the distance is bridged using Cat X cables.

THE BENEFIT

The KVM system was installed quickly and seamlessly. Administrators can reliably and promptly access all necessary content and view it instantaneously. All required computer applications are immediately accessible and controllable from any administrator workstation. The provided content is pixel-perfect and free from disruptive latency despite the distance.

„With the MVX Masterline, we provided the Beijing Qizhe Experimental School with a simple and efficient solution. It delivers exactly what is needed without any hassle: a functional system for decentralized computer access.“

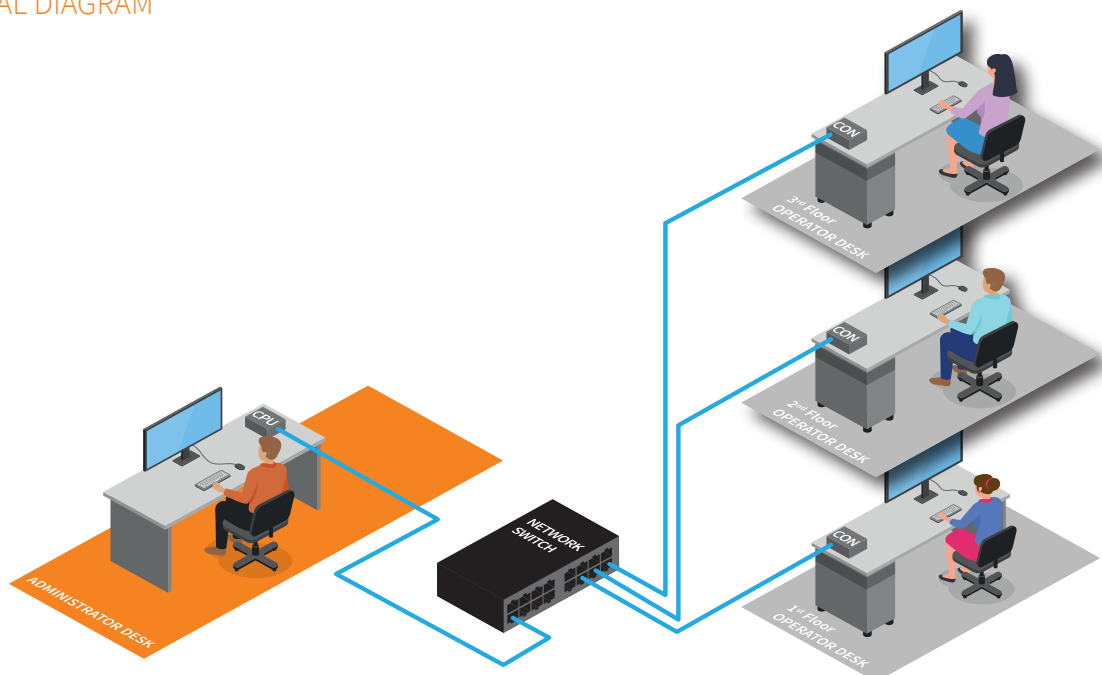
James Zhan, Regional Sales Director, kvm-tec China & APAC



Administrator Workstation

Thanks to kvm-tec's simple and efficient system, the Beijing Qizhe Experimental School can ensure the best possible care for its boarding students.

FUNCTIONAL DIAGRAM



KVM-TEC PRODUCTS IN USE

- MVX1-F Masterline Single Head CPU
- MVX1-F Masterline Single Head CON

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