



VMware Workspace ONE UEM Helps Beijing Royal School Implement ‘Mobile Teaching’

Beijing Royal School was the first Chinese-foreign cooperative school in Beijing, the only Advanced Placement (AP) teaching demonstration school in China, and an International Baccalaureate (IB) World School. The school seeks to steer China’s international education through its leading K-12 curriculum.

Industry

Education

Strategic priorities

- Anywhere Workspace

VMware footprint

- VMware® Workspace ONE® Unified Endpoint Management™ Essentials

To promote mobile teaching, Beijing Royal School equipped its students with laptops, but this also meant that the IT team faced new challenges with device management. To overcome these challenges, the school adopted the digital workspace solution, VMware Workspace ONE UEM, to support mobile teaching. On top of improving teaching quality, this solution also makes teaching and management more convenient and intuitive. In the future, both VMware and Beijing Royal School will further explore more opportunities within the Anywhere Workspace solution to further streamline the teaching experience.

Using advanced technologies to improve teaching quality

The mission of the Beijing Royal School is to cultivate elite leaders with multidisciplinary skills, international vision, and global competitiveness. As a leading international school, Beijing Royal School has always held itself to the highest international standards by establishing extensive partnerships with educational institutions around the world, including both internationally renowned universities and top schools in China. During its day-to-day teaching, the school also attaches great importance to innovation and uses the latest technologies to continuously augment classroom plans, activities, and more.

Overcoming management challenges facing the Beijing Royal School IT team

With the aim of facilitating better learning for students, Beijing Royal School implements distinctive teaching models such as layered teaching and non-graded instruction. However, this meant that students often needed to go to different classrooms for classes. To relieve students from their heavy school bags and allow them to learn anytime, anywhere, the school proposed a “mobile teaching” approach in the second half of 2017. The school distributed laptops to newly enrolled students starting in the fall semester of 2018. Considering factors such as system stability, security, teaching software options, brands and international trends, special education support, and after-sales service, the school ultimately selected Apple laptops as their mobile devices of choice.



When transforming their teaching model, the school's IT team faced three major challenges: first, exploring how to implement effective management controls on the MacBooks to ensure students were using their devices for the intended purposes. Second, identifying and permitting the installation of learning software that had been approved by the school. Third, implementing remote device management so that teachers could use mobile learning technology to monitor students' learning progress and conveniently push personalized learning plans to them.

Implementing lifecycle management for mobile teaching

To overcome these challenges, the IT team from Beijing Royal School adopted VMware Workspace ONE Unified Endpoint Management (UEM) Essentials and integrated it with MacBooks and Apple School Manager (ASM) functions for more intelligent and efficient management. This enabled the school to build an outstanding mobile teaching system that improves teaching efficiency and quality.

Workspace ONE UEM supports modern wireless management for any device across desktop, mobile, wearable, IoT and even rugged devices. It reduces costs, improves work efficiency, and provides an intuitive and consistent user experience. Workspace ONE UEM also provides streamlined process automation, unparalleled device and application management, and enterprise-class security protection at all levels. It has been adopted by many enterprises and schools in China. Workspace ONE UEM helps Beijing Royal School build a people-oriented, comprehensive, and open learning platform to achieve their goal of mobile teaching.

Workspace ONE UEM provides this high level of efficient management for every OS platform including, among others, iOS, Android, Chrome, Windows and macOS, which is the operating system that powers the school's MacBooks. The solution supports convenient device registration, multiple methods for app distribution, and can push configurations to any device. Workspace ONE UEM also delivers outstanding performance in security including Zero Trust conditional access, per-app VPN, device locking, data erasure and data loss prevention (DLP). Following a successful implementation and roll-out at the school, the solution was widely praised by school leaders and parents.

Enabling the construction of a more tech-forward international school

Since it deployed VMware Workspace ONE in 2018, Beijing Royal School has expanded its scale three times to a total of 1,500 MacBooks. This solution has helped the school successfully achieve its mobile teaching goals.

The Beijing Royal School IT team has limited manpower. Thanks to the solution's excellent UEM capabilities and rules-based automation, it has cut down the IT team's management workload and significantly reduced labor costs. Powered by artificial intelligence, Workspace ONE is consistently and intelligently processing data to create workflows and automate tasks custom to the organizations' needs.

With this complete solution, the school was able to build a robust mobile teaching system. This system can effectively manage student devices, restrict the software students can install, and limit the time they spend on their computers. It ensures that students can only download and use learning-related software, thereby helping them develop good learning habits. In addition, a reliable firewall system is provided to effectively ensure the security of all apps.

With the VMware Workspace ONE UEM, teachers can distribute high-quality teaching applications to students more conveniently, process student requests in batches, help students achieve customized learning, and significantly improve teaching efficiency. Teachers can more easily tailor students' learning plans based on their individual needs.

Looking ahead

In the future, VMware Workspace ONE UEM will continue to provide services for teachers and students at the Beijing Royal School. The VMware service team will also partner with the school's IT team to explore more Workspace ONE UEM functions, so that the solution can play a greater role in optimizing teaching and learning experiences.

“This is our fourth year using VMware solutions. This solution delivers excellent performance, facilitating teaching and assisting us in management, operations, and maintenance.”

Yagang Bi, Director of Information Management, Beijing Royal School
