

Shaanxi Polytechnic Institute Pursues Smart Campus Vision with Juniper Networks

Delivering on a smart university campus vision with a Juniper infrastructure

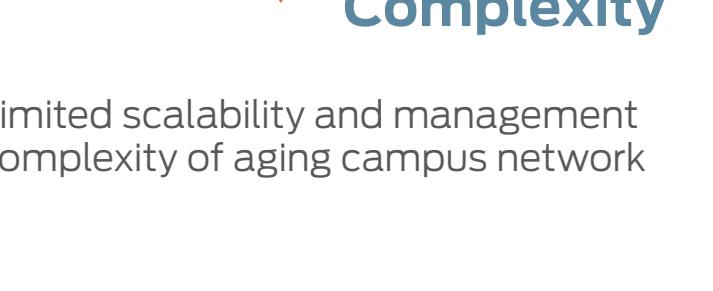


21,000+ connected

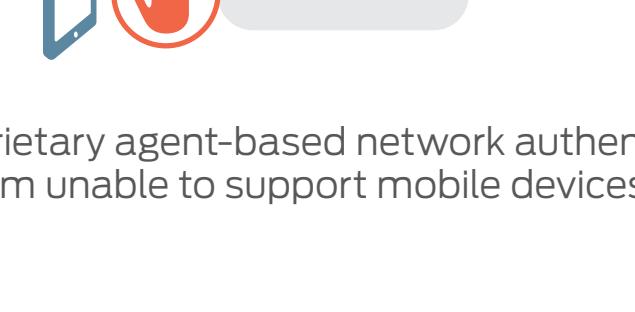
Faced with a complex and aging campus network, Shaanxi Polytechnic Institute, the first degree-awarding, higher-education vocational college in China, has embraced a Juniper solution based on open standards.

The new network enables more than 21,000 students and staff to easily get connected while paving the way for a new generation of smart campus apps, delivered from the cloud.

Business Challenges

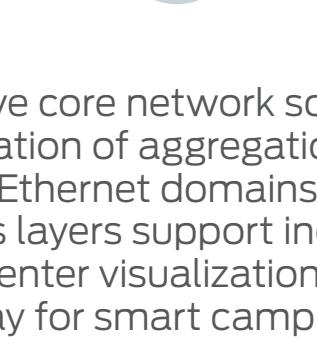
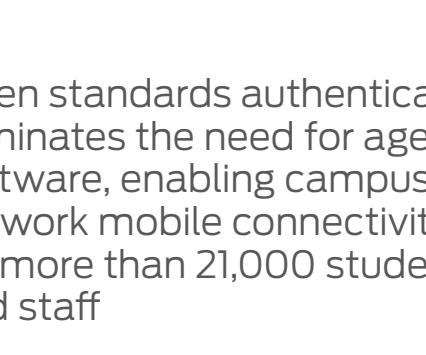


Limited scalability and management complexity of aging campus network



Proprietary agent-based network authentication system unable to support mobile devices

Business Results



Open standards authentication eliminates the need for agent software, enabling campus network mobile connectivity for more than 21,000 students and staff

Simplification of network administration reduces operating costs

Massive core network scalability, elimination of aggregation layer, and single Ethernet domains in core and access layers support increased data center visualization and pave the way for smart campus apps

Technology Solution

Shaanxi Polytechnic Institute selected an open-standards solution comprising:



Juniper Networks MX960 3D Universal Edge Router



Juniper Networks EX4550 Ethernet Switch



Juniper Networks EX2200 Ethernet Switch



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While other vendors were able to provide broadband remote access servers, Juniper Networks' design was clearly better, as it consolidated BNG and core network switching into a single, highly scalable and reliable platform.

— Su Xinglong, Director of Network and Information Center, Shaanxi Polytechnic Institute



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