

University of Tsukuba Positions Itself for Next-Generation Services with **Fast and Flexible Connectivity**

Bolstering the Core Helps Build Real-Time Digital Campus



The University of Tsukuba revamped its core network so it could **support the latest technologies**, including connectivity to the **SINET5 research network**.



The upgraded two-campus network delivers **faster speeds** and **support for new technologies** to stay current and competitive.

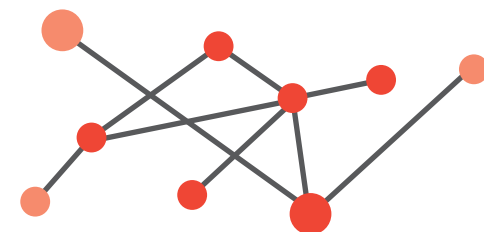
Business Challenges



Core network was outdated and **unable to support new technologies**



Difficulty in managing core switches in two separate locations



Complexity of managing isolated systems that were added to the network over time

Business Results



Consolidated core switches in a single location **without compromising coverage**



Reduced administrative load and support costs by consolidating access switches



Provided support for (SINET5), next-generation cloud-based services, and smart devices

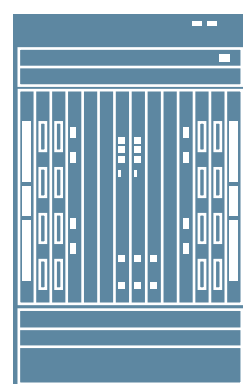


Simplified management and operations with Junos OS

Technology Solution

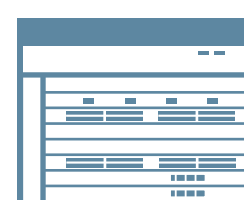
The University of Tsukuba revamped its backbone with:

Juniper Networks® EX3300 Series Ethernet Switch



Juniper Networks® EX9214 Ethernet Switch

Juniper Networks® EX4200 Ethernet Switch



Juniper Networks® MX480 3D Universal Edge Router



Juniper Networks Junos® Operating System

“ The solution from Juniper Networks is highly reliable and durable, and provides a high-performance, flexible infrastructure. ”

– **Akira Sato**, Associate Professor, Network Research and Development Department, Academic Computing and Communications Center, University of Tsukuba

JUNIPER NETWORKS

BUILD MORE THAN A NETWORK.™