



IDC FRONTIER

IDC Frontier is a 100%-owned subsidiary of Yahoo Japan Corporation, with both data center and cloud center businesses. The headquarters are located in Tokyo while the sales office is in Osaka. The company has data centers in nine locations throughout Japan.

Location: JAPAN

Vertical: Services

Deal implementation: 2013

Business partner: SoftBank Technology



CHALLENGES

IDC Frontier was faced with a rising customer demand for higher availability of services. To meet this challenge the company needed to improve the availability of its own network backbone. IDC Frontier decided to upgrade its infrastructure by replacing obsolete networking equipment with higher performing, and more cost effective, switches.

Also, the company needed to connect its nine domestic data centers while delivering uninterrupted service to customers, most of whom are content providers.

IDC Frontier was looking for an innovative solution that would immediately address all of these needs.

PRODUCTS AND SERVICES

Alcatel-Lucent OmniSwitch® 6900 Stackable LAN Switch

WHAT MADE THE DIFFERENCE?

IDC Frontier was aware of Alcatel-Lucent Enterprise's reputation as an experienced and proven provider in the transmission and core router sector.

The company was further convinced after visiting sites where the Shortest Path Bridging (SPB) technology was successfully being used as well as from its own field sites where comparative tests were being performed.

Lastly, IDC Frontier liked the Alcatel-Lucent Enterprise compact switches because they were smaller than the competition's products and fit perfectly into its racks.

BENEFITS



TECHNICAL

The SPB architecture reduces complexity in the network and makes it simpler to use, maintain and grow.

In the three years since it was installed the system has suffered no hardware failures.



FINANCIAL

The network is scalable which avoids replacement costs and can accommodate new customers and services.

With the new compact switches, IDC Frontier has saved on installation and operational expenses as well as electricity.



USER EXPERIENCE

The solution has reduced lead times for service delivery to customers.

End-to-end redundancy ensures services will be maintained for customers, even in the event of a failure at one of the intermediate data centers or trunk lines.



“The OmniSwitch 6900 helped us overcome the geographic barrier created by the long distance between the two data centers. We benefited greatly from the OmniSwitch 6900 features.”

Mr. Tokuda, Network Group, Platform Engineering Department, Customer Service Division, IDC Frontier