



## Customer Snapshot: Hokuriku IT Open Laboratory

# Paragon Powers National Research and Development Institute's Search for the Next-Generation Network

### The Challenge

Established under Japan's Ministry of Public Management, Home Affairs and Telecommunications, Hokuriku IT Open Laboratory is a national research and development facility focused on promoting IT research and development through cooperation between industry and academia in the Hokuriku region in Japan.

The Laboratory hosts an extensive virtual network that provides access to important research on next-generation networks, and was seeking a solution to centralize management of its 512 NEC servers. The research staff was required to access and control each server individually, meaning hours of time was spent physically going to the desired device in a noisy, cramped setting. Therefore, the Laboratory sought a solution that would offer access to each server from a single, convenient interface, whether it was at the rack or in another room in the facility.

For the Hokuriku IT Open Laboratory, reliability, scalability and access from outside the server rooms were the key criteria for an effective solution.

### Customer:

Hokuriku IT Open Laboratory

### Challenge:

Centralize management for 512 servers

### Solution:

20 Paragon UMT8 units

### Benefits:

Centralized device management; flexible, scalable architecture



# “Paragon has become an indispensable tool in managing our servers and increasing productivity.”

## The Solution

At the recommendation of a Raritan user at the Hokuriku Hi-tech Graduate University, Mr. Masayuki Sano, Integrated Research Consultant with the Laboratory, contacted Raritan to scope out a Paragon installation.

Raritan proposed a configuration of 20 Paragon UMT8s to manage the Laboratory's 512 servers, offering centralized access and control through numerous user stations connected via UTP cable throughout the facility.

According to Mr. Sano, "our research staff was not able to work efficiently due to the need to be physically in front of the server on which they are working. Therefore, we were looking for a reliable solution that would help us centralize management of our 512 servers and remove the need to be at the rack to gain control."

## The Results

Since the Laboratory is used heavily for simulations and testing, the staff is required to change server settings repeatedly throughout the day. Now, thanks to the centralized access and control enabled by the Paragon units, multiple personnel can access servers and make changes quickly and efficiently from their own desktops at multiple locations throughout the Laboratory.

"Paragon has become an indispensable tool in managing our servers and increasing productivity," said Mr. Sano. "Because the Laboratory's staff no longer has to

make their changes to the server settings at the rack, they can be more effective in their research and spend less time traveling to and from the individual servers."

## The Future

Hokuriku has a proposal in the works to purchase Raritan's IP-Reach™ solution for local researchers who use the Laboratory's facilities but also those who live in Tokyo and may need remote access to the target servers. With IP-Reach's remote access capabilities, those based in Tokyo will no longer have to make the 300 km journey just to use the Laboratory for an hour.



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