BLUESHIFT
DATA PROTECTION

# Toyo Co., Ltd

# Surface Treatment and Systematization

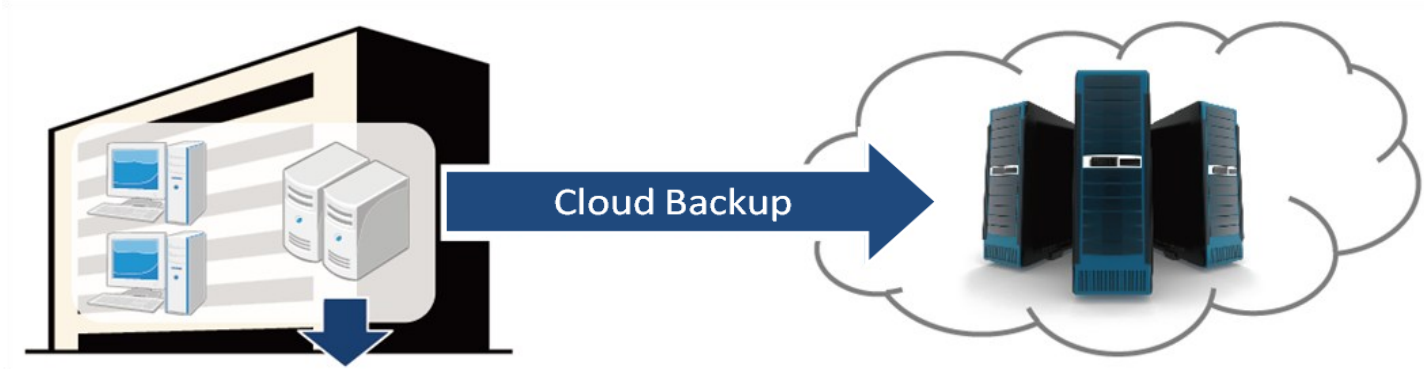
**Achieving Streamlined Backup and Recovery by Making the Transition from USB Disk Backups to Blueshift Data Protection**

Toyo Co., Ltd. was established in 1948 and launched its business in Ota City, Tokyo with a focus on plating in the hopes of contributing to the enhancement and repair of various industrial goods. Expanding its technical capabilities, the company relocated to Yokohama in 1961 in order to meet the demands of its customers. While increasing the scale of its operations,the company incorporated new technologies and provided an increasingly wide range of new products and services.

In recent years, Toyo has been among the first companies to adopt management systems and make efforts related to environmental management. It has acquired ISO 9001 and 14001 certification. Focusing on computer management, it recognized the necessity of updating their conventional backup system to ensure business continuity and disaster recovery. ISO officer Yasuo Suzuki showed an interest in our services for Toyo's backup system and looked into the upgrade.

**The issue was recovery**

Suzuki examined various tools and services and predicted that the biggest hurdle to implementation would be recovery. There were several backup services out there, but the redundant backup offered by DataProtect looked the most promising to him. He performed several tests prior to switching to DataProtect and was satisfied not only with the backup but also the recovery features, which sealed the deal for him.



# Local backups are not enough!!

Cloud-based backups in a secure data center ensure the protection of important data even in the event of unforeseen disasters and power outages

**Mr. Suzuki's story**

The president told me to arrange for external backup of our operational system and file server data as part of our BCP, so I compared and reviewed the backup systems offered by several service providers. I selected Blueshift DataProtection and tested the process from backup to restoration. The results were confidence-inspiring, so I informed the president. The reasons were as follows:

1. The price was much lower than the solutions offered by other companies.

2. Backups are automatic, so fewer man-hours are required for operational administration.

3. The data restoration test showed that recovery did not depend on hardware, which was a plus in terms of the BCP.

**DataProtect: Backup and recovery**

With DataProtect, the customer installs a single appliance—DataProtect Appliance—to enable local recovery. At the same time, the appliance automatically encrypts and compresses data and sends it to domestic data centers. In the event of server failure, the local data that is readily available is stored, and the data necessary for business continuity is stored at the data center. The design is such that if a disaster were to occur at the Yokohama Plant and the DataProtect Appliance was also lost, the data at the off-site data center would be available to reproduce the server on any hardware.

I also reviewed several backup applications for the implementation and settled on one that allowed the C and D drives on the server to be backed up as image files. Using this application, if recovery was ever necessary due to hardware failure, the server could be reproduced without putting together the same hardware.

The two things I tested were recovery using DataProtect Appliance and downloading the backup files from the data center. Local restoration went smoothly, and I borrowed a third-party lab for the remote recovery test. I did the recovery test with about 40GB of data, restoring the data to a server with a different hardware configuration than what is installed at Toyo. It didn't even take a half a day to complete the test.

**President's story**

You hope that no situation ever arises in which it is necessary to recover your data and system, but we now have a cost-performing data and system backup solution that can ensure the continuity of even a small company such as ours as part of our BCP.

Now all that is left is to put together the hardware necessary for data and system recovery, specific recovery procedures and a training program to have a complete backup and restoration mechanism in place

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