

ENHANCING THE EFFICIENCY BY PRINTING ANYWHERE WITH SERVER-LESS ON-DEMAND PRINT



CLIENT BACKGROUND

N Corporation was founded in 1995 and has six locations within the city. The main business is residential renovation, but they also operate a one-stop service for housing and lifestyle, from new building design and construction to real estate. In the 31 years since their founding, they have completed approximately 32,000 renovations and repairs, and have achieved the No. 1

position in total renovation sales in the prefecture for 10 consecutive years. One of their management visions is to become a 100-year company that shines in the local community, while they also strive to contribute to the local community, such as by holding sports tournaments for local children.

CASE STUDY AT A GLANCE



CHALLENGES

- Difficulty to see who was using the multifunction printer and how much
- Wastage due to a human error such as mistaken printing or printing in color when black and white would be sufficient
- Time-consuming to install the printer driver to print at an another location

FUJIFILM BUSINESS INNOVATION SOLUTIONS

- Setting a **Server-less On-Demand Print** that allows for printing at any location
- Building a management system that allows for visualizing each user's usage status of the multifunction printer

BENEFITS AND RESULTS

- Print volume reduced by approximately 5% and costs by approximately 20%
- Prevention of printing errors
- Improved business efficiency by making easy printing at other locations possible

THE CHALLENGES

N Corporation was considering purchasing a new multifunction printer, as the contract for the printer they were using was expiring. At that time, they wanted the ability to keep track of things like the number of prints made by each user. N Corporation uses a multifunction printer for a variety of purposes, such as creating drawings for renovations and flyers to be posted, and a single employee can print up to approximately 4,000 pages in a month. As part of their efforts to contribute to the SDGs, they are aiming to reduce the overall number of pages printed, and they have noticed waste

such as mistakes while printing or printing in color when black and white would have been sufficient. In order to address these issues, they thought it was first necessary to "visualize" usage data on a user-by-user basis. Meanwhile, they have nine multifunction printers in use at six locations, and they must also sometimes visit customers, so printing is often done at different locations. In order to print at other locations, multiple printer drivers had to be installed on employees' PCs in advance, which was considered inconvenient by many employees.



THE FUJIFILM BUSINESS INNOVATION SOLUTION

FUJIFILM Business Innovation made two proposals to solve this problem.

Server-less On-Demand Print

FUJIFILM Business Innovation implemented the solutions which allows printing from any printer after authenticating with a pre-registered personal ID. This allows all employees to print from any available multifunction printer in their own office, or at any sites in the same way as at their own office. In addition, after authentication, they are asked to confirm settings such as the number of prints and black and white versus color option, which is expected to prevent printing errors.



Multifunction printer management service

It would allow aggregated data to be obtained, such as user IDs and the number of prints for each device, making it possible to understand information on an employee-by-employee basis.

Although there were other proposals from other companies, FUJIFILM Business Innovation's proposal received overall praise due to its ease of use, with the option to produce data such as the number of prints for each user as well as the ability to easily print on any multifunction printer at any location without the need for configuration. FUJIFILM Business Innovation was ultimately selected for proposing an optimal path to the goal of "cost reduction through visualization.

THE BENEFITS

Cost Reduction due to prevention of incorrect printing

It has been about six months since they introduced Server-less On-Demand Print and multifunction printer management service, and they have been able to reduce the number of pages printed by about 5% compared to the same period last year. As a result, printing costs have been reduced by approximately 20%. The reason why the cost reduction rate is greater than the number of prints is because the ratio of black and white prints increased. They believe that this resulted from prevention of incorrect printing due to users changing print jobs mistakenly set as color back to black and white when physically in front of the multifunction printer.

Additionally, while they currently compile cumulative data by user and device and share it with management, in the future they also plan to provide feedback to employees on a departmental level. Since job types and project responsibilities vary by employee, it is unrealistic to uniformly limit the number of prints. However, they hope that by making the output status visible and sharing each other's work methods, it will serve as an opportunity not only to reduce costs but also to innovate



and improve their work.

Work efficiency with printing anywhere

Employees have been very pleased with the fact that they can now print using a single ID card regardless of their location. Until now, employees physically at other locations had to be asked to print at those locations, so this has also led to increased efficiency.

This proposal is recommended for companies like N Corporation that have multiple locations, each with their own multifunction printer, or for companies where multiple departments share the same multifunction printer. Typically, such companies are unable to visualize usage at each location or department, which makes it difficult to take measures such as cost-cutting. By introducing this solution, costs can be easily visualized, and, in addition to cost reduction, it also enables measures to improve efficiency, such as apportioning printing expenses among each department and centralizing the management of multifunction printers.

Currently, N Corporation's biggest challenge is making its employees as productive as possible. The first step to improving the employee's work environment, not only by reducing costs but also by increasing added value and reducing working hours, is to have the correct information. In other words, to make it visible. In order to help the customers address further challenges, they will continue to cooperate with FUJIFILM Business Innovation on a wide range of IT-related matters, including multifunction printers and networks.

