

TRANSFORMING THE NEW NETWORK ACCESS MODEL “ZERO TRUST” AND STRENGTHENING SECURITY

Company name:	S HOLDINGS
Industry:	Telecommunication
Founded:	1981
Services:	providing services of mobile, broadband and internet



Objective

- To establish the secure printing environment with a Zero Trust model

Approach

- To establish serverless printing and set up Azure AD Authentication

Benefit and Results

- Achieved seamless printing environment
- Established linkage between ERP system and Azure authentication with security

Challenges

- Adjusting printing environment for 5G network
- Maintaining user-friendly security management
- Transforming print infrastructure for productivity

Solutions

- ApeosPort-VII C7773
- DocuPrint C3350 d
- Cloud print management
- Azure AD authentication

ABOUT S HOLDINGS

Founded in 1981 as a distributor of PC software in Japan, starting from the distributor, S Holdings expanded their Business to various industries such as telecommunication, mobile, e-commerce industries.

Today, the company is becoming a multinational investment holding company such as AI revolution.

ESTABLISHING ZERO TRUST AS AN INTERNAL NETWORK AND ADJUSTING A PRINTING ENVIRONMENT

In 2021, S Holdings planned to relocate its headquarter. With this relocation, S Holdings aimed to transform workstyles by utilizing Zero Trust security model with 5G network.

Zero Trust is a new model of network which is securing remote access to company resource from anywhere at any time in a single product. The concept of this idea is “never trust, always verify” by routing all communications connecting to the SASE (Secure Access Service Edge) with cloud access. Up to now, it is necessary to set a secure pathway over the Internet (VPN) through an authentication process with ID/password to connect an internal system from outside of the company. By transforming to Zero Trust, it enables internal and external connectivity alternative to VPN.

To utilize Zero Trust security, the printing environment also is required to enhance transformation with cloud access.

For many years, S Holdings had not changed its printing environment as it was concerned about decreasing user productivity due to installation of security authentication, however it realized that transformation of the printing environment is necessary to adjust its new workstyle and strong security network which brings employees to have access to documents data and print them out at

FUJIFILM Business Innovation has tried to meet S Holdings' requirements by collaborating with sales representatives and system engineers.

RAISING THE PRODUCTIVITY AND SECURITY UP BY CLOUD SOLUTION SERVICES

For establishing a seamless printing environment, FUJIFILM Business Innovation proposed solution with cloud print management. S Holdings was recommended serverless printing which enables printing out from any multifunction-printer (MFP) at the office. When a user sends a print job to the devices, the job is on hold in MFPs and can be printed out from any MFPs linked with the network.

This solution also can provide the cloud workspace to perform document-related task such as viewing, sharing and editing documents. By utilizing a web browser interface and sharing document information on it, employees have access from various location such as from branch office, on the go.

Additionally, FUJIFILM Business Innovation proposed Azure AD authentication to link the cloud services such as Google Drive and Box. This authentication gives employees access to the full suite of the SaaS platform. Employees can log in each platform from anywhere they are working by Single Sign-On.

It faced difficulty establishing this security framework such as setting transmission protocols and communication ports, however FUJIFILM Business Innovation never gave up testing and verifying the framework repeatedly.

CONTINUOUS PROPOSAL AND SUPPORT ARE THE KEYS FOR CUSTOMER SATISFACTION

There are huge number of customers considering utilization of cloud services with high security as the former network model (on-premises model) is changing based on the work-style transformation. To meet customer's needs, FUJIFILM Business Innovation continues to propose cloud solutions to build secure networks. However, it is also required to accumulate knowledge and experience to understand security and authentication technology. FUJIFILM Business Innovation continues to develop skills and experience of cloud solution.

This proposal became the basic solution which is for establishment of Zero Trust security model. FUJIFILM Business Innovation continues to provide support to enhance customer's security network and work-style transformation.