

Case Study of Atrust mt182W

Toso Fudosan Kanri Co., Ltd. (Toso Real Estate Management)



Implementation "Atrust mt182W" Thin Clients installed for all employees to incorporate to remote work quickly

Covid pandemic accelerates digitization efforts at full speed

Toso Fudosan Kanri Co., Ltd. (Toso Real Estate Management, hereafter "Toso") was established in October 1982 as a company responsible for the operation, management, and repair of the TEPCO's Fukushima Daiichi Nuclear Power Plant's Corporate Center. Over the course of the past several years, the company has suffered the loss of most of its businesses due to the Great East Japan Earthquake and the accidents at the Fukushima Daiichi Nuclear Power Plant. Through the concerted efforts of the entire company, Toso has been able to rebuild its business, surpassing pre-disaster levels.

Today, Toso is involved in a wide range of businesses, including the operation and management of facilities related to the decommissioning of the Fukushima Daiichi and Daini nuclear power plants, civil engineering and construction projects, support for the living environment of people involved in the decommissioning project, brokerage and sales of local real estate, travel business to increase the number of people interacting with Fukushima, and restaurant business in the Futaba Town Industrial Exchange Center.

With the spread of Covid in 2020, Toso faced the pressing need to take BCP measures, such as responding to any outbreak of clusters in the office, and responding to infected but asymptomatic employees who are unable to come to work but are able to work at home. Deciding that switching to remote work would prove effective with a view to reforming work styles, Toso began to consider introducing this work style. However, in light of the worldwide Covid situation and budgetary requirements, the company needed to select a system that could be introduced quickly, ideally within FY2021 as well as meet our various requirements.

Mr. Chikara Okada, in charge of planning and general affairs at the Planning and General Affairs Department and facility management at the Facility Management Department of Toso talked to us about the background to their introducing remote work.

When the first wave of Covid hit, our employees had no means to work remotely, as they were limited to one desktop PC per person in the office and were not allowed to take their PCs or data out of the office. Our employees also frequent TEPCO power plants, so there was a fear that if Covid were to spread at our office, it would spread to the power plants themselves, so we needed to consider providing employees with the means to work remotely as soon as possible."

Considering notebook thin clients on Windows OS that work and feel familiar on devices for remote work

As a means of introducing remote work amidst limited time and cost, we considered a system that would connect in-house desktop PCs and notebook thin clients on a one-to-one basis. There, we narrowed down



Toso Fudosan Kanri Co., Ltd. (Toso Real Estate Management)

Mr. Yoshihiko Nomura (left),
Deputy General Manager, Planning
& General Affairs Department.

Mr. Chikara Okada (right),
in charge of Planning and General
Affairs at the Planning and General
Affairs Department and Facility
Management at the Facility
Management Department



Company Overview Profile

Company Name:

Toso Fudosan Kanri Co., Ltd. (Toso Real Estate Management)

Established:

October 15, 1982
Number of employees: 126 (as of April 1, 2022)

Head office address:

556 Aza-Ono, Shimonokami,
Okuma-machi, Futaba-gun, Fukushima
Prefecture, Japan

Temporary headquarters:

Hirono Mirai Office 6F,
44-3 Aza Hironaga, Oaza
Shimoasamigawa, Hirono-cho,
Futaba-gun, Fukushima

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requirements of the thin clients to be introduced.

- Windows 10 IoT which works and feels similar to current environment.
- Balanced performance and price
- Reliability for stable operation
- Keyboard operability

So we selected Atrust's mt182W as a candidate device that would meet these requirements.

Ascentech and Atrust's support infrastructure a major factor in the process of selecting the device



in charge of Planning and General Affairs at Planning and General Affairs Department and Facility Management at Facility Management Department

Mr. Chikara Okada

The Atrust mt182W is a mobile thin client device with a 14-inch full HD narrow frame display and a 13-inch class chassis size despite its 14-inch size.

Mr. Yoshihiko Nomura, Deputy General Manager of Planning and General Affairs Department, Toso Fudosan Kanri Co., Ltd. tells us why they selected "Atrust mt182W".

We were considering a variety of products, but found that most required three months or more for delivery, partly due to the recent shortage of semiconductors. In response to our need to launch our system within a short time frame, Ascentech was able to deliver virtually immediately, thanks to their inventory of devices in stock. In addition, tests conducted on loaned units revealed no problems with various installations or settings. Moreover, the size and weight of the screen, as well as the operability of the keyboard, were all satisfactory. In addition, their track record of OEM supply to major manufacturers attested to the reliability of their devices."

Another key reason for our decision to use the Atrust mt182W was the excellent and thorough support provided by Ascentech and Atrust.

Okada also shared his assessment of Ascentech and Atrust :
"The unparalleled short delivery time and highly responsive support from Ascentech and Atrust during the validation phase proved to be a major factor in our decision to go with them. The peace of mind of knowing that they could quickly resolve the various concerns we had during the validation phase was invaluable."

So, this is how Toso decided to install 111 "Atrust mt182W" devices for their employees to use as remote work devices.

The implementation was successfully completed in March 2022, allowing for remote work along with other Covid measures.

"In the former environment, there were situations where a suspected new Covid case would prevent people from coming to the office and getting their work done, but now employees without symptoms are able



Deputy General Manager,
Planning and General
Affairs Department.

Mr. Yoshihiko Nomura

to work remotely. Moreover, this system has given us the option of switching to remote work smoothly when trains stop running, which happens several times a year due to strong winds and other circumstances specific to our area. We also expect it to help us deal with any unexpected problems that may arise during long holidays. This system also works without any problems for web conferencing in the remote work environment.” (Nomura)

Also considering "remote PC arrays" as yet another extension of remote work

“In the introduction of thin clients this time, we have basically distributed the devices to all our employees, and we are considering adding more when we have more employees. We also hope to look into Ascentech's Remote PC Array for the purpose of improving operation and management and as an environment for in-house desktop and remote access when it is time to replace the PCs in the office (i.e. when the Windows OS support expires, etc.)” (Okada)



Atrust mt182W



Remote PC Array

System conceptual diagram

