

# Sample Case: Electronics Manufacturer S Company.

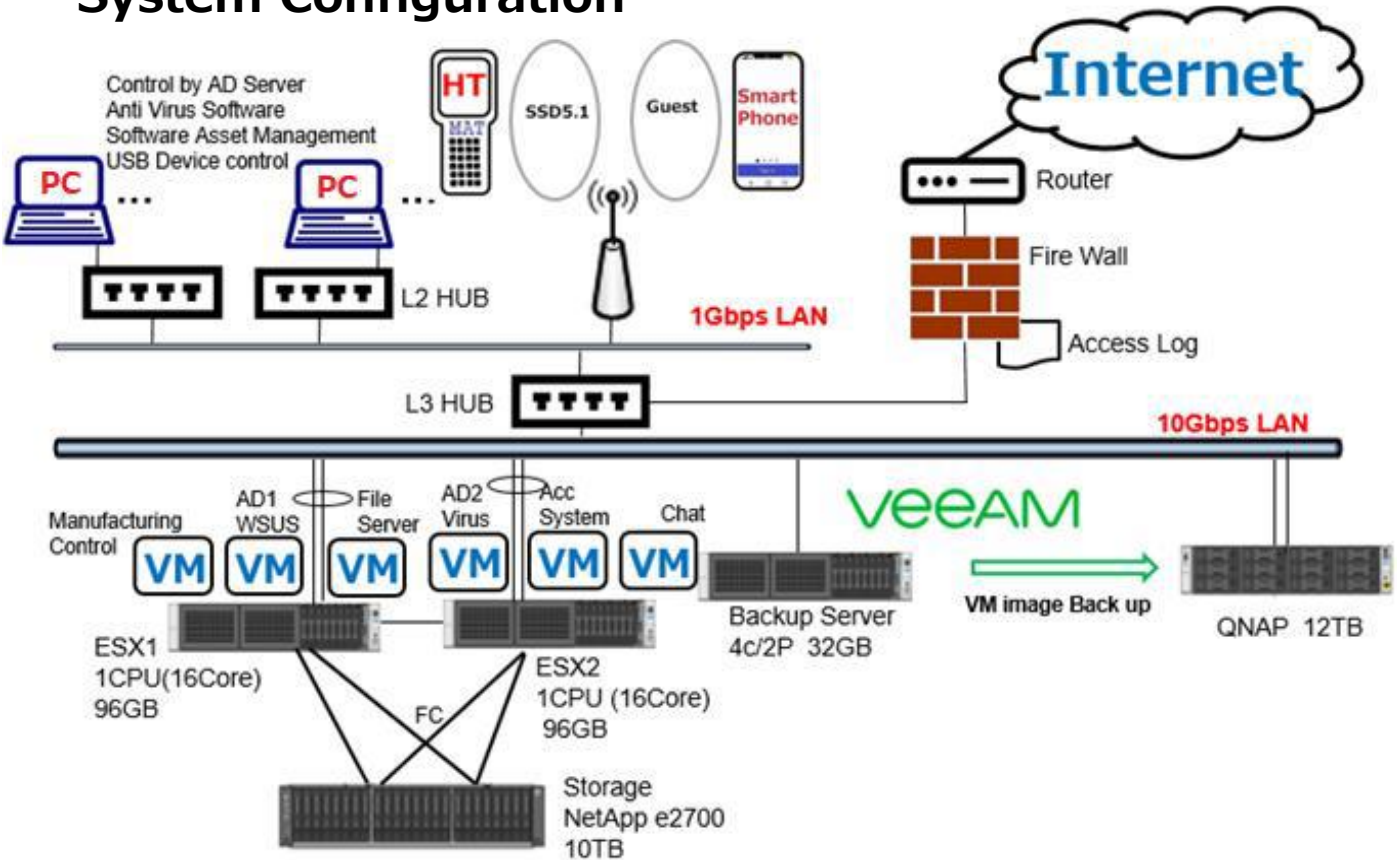
## Background of Requirement

- Regarding the existing internet infrastructure environment, many security holes are widely existing.
- Well secured IT environment is needed to improve without losing a good handling operation in the future because installation of ERP system will be scheduled.
- There is a handling limitation for system operation and maintenance in-house.

## Proposal Concept

- It realizes normal operation of IT infrastructure when NW/HW malfunction occurred.
- Architect AD and control each user and PC centrally.
- Using JP1 to control software assets and USB devices.
- Abandon unnecessary wireless LAN and segment LAN accesses for the guests and staff.
- Rebuild a network infrastructure more secure.
- Improvement of Data backup environment.

## System Configuration



- Build 2 VMWare servers.
- All data in 10T HDD storage.
- Build 6 virtual servers.
- When a physical server is down, a virtual server is automatically transferred to another physical server.
- Use existing server as a backup to get imaging files.  
Use high speed backup tool Veeam.
- To Build a manufacturing management system on the virtual server is considered as high intensity.  
So the main Lan setting is configured to use 10Gbps network line.
- Use Hitachi software JP1 for managing assets of software installed on PCs and controlling USB devices.