

# World's Leading Car Manufacturer Adopts Infortrend's Storage for Enterprise Data Backup

## Organization

World's leading car manufacturer

## Infortrend Partner

IO Datamovers

## Challenges

- Need to modernize infrastructure by replacing out-of-date storage systems as they provided slow file access to workers and backup took long hours
- Inefficient data protection of the existing data storage

## Solution

EonStor GS 1000:

- 2 x EonStor GS 1012R2CF-D loaded with 20 x 4TB, 7.2krpm HDD (80TB total capacity)
- The solution was deployed in the Regional Office and Car Manufacturing Factory for local file storage and backup
- EonOne management software with user-friendly web-based GUI for easy storage management and setup of data protection functions

*"Infortrend storage dramatically improved file access performance and reduced server backup time to help workers of the famous car manufacturing company increase productivity output and, hence, gain higher profits," said Kelvin Chuah, Sales Director of IO Datamovers.*

World's leading automaker aimed to modernize IT infrastructure by replacing old storage systems used for enterprise data storage and backup/archiving. They employed IO Datamovers as a System Integrator to find a suitable solution able to provide a smooth access to enterprise data, quick backup, and tight data protection.

## Challenges

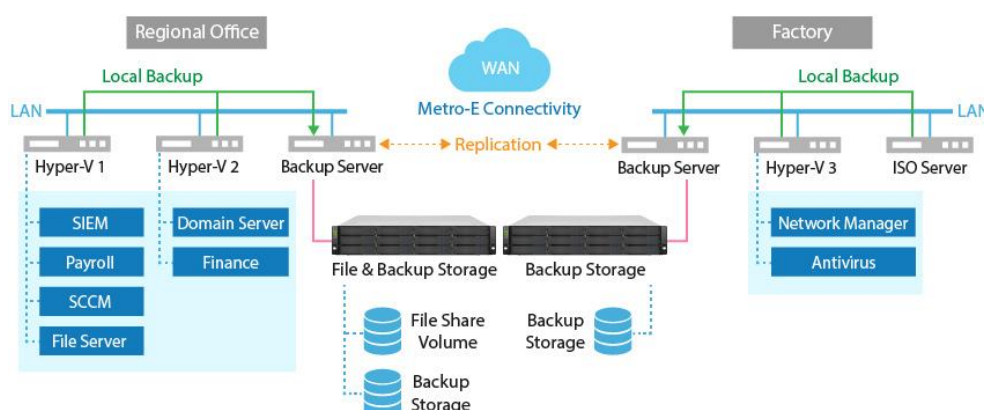
1. IT Department was constantly receiving complaints that the existing File Server didn't provide for employees fast enough file access (both read and write), especially to large files during peak hours.
2. Backup process took long hours and overlapped with work hours, which negatively affected overall productive performance of the company.
3. Data protection functionality of the existing outdated storage was insufficient to ensure non-stop data protection and integrity of valuable enterprise data.

## Solution

For the regional office and the factory, SI deployed two systems of enterprise unified SAN/NAS EonStor GS 1000 loaded with 20 x 4TB, 7.2krpm HDD (80 TB total). The solution provided ease of management with stable performance. IT Manager doesn't receive any more complaints from employees: GS solved the main issue of slow access to files and greatly improved performance of server's full backup to within minutes, whereas previous storage required overnight backup or even longer, sometimes overlapping with production hours. The File Server is accessed by around 120 users and is shared across all departments, including Sales, Marketing, Finance, Operation, Logistics, and their Factory production site. At least 50% faster file access greatly contributes to improving user productivity. For Marketing team, it helps with meeting deadlines in creating advertisement materials, for Drawing and Design professionals — with sharing files with related users on production site/office, while making sure company's 'know-how' is protected with properly structured user authentication and file access rights.

## Why Infortrend

- Better performance of the unified SAN/NAS storage GS 1000 for backup/archiving application compared to competitors' solutions.
- User-friendly GUI management.



## About the End User and IO Datamovers

The end user is one of the regional branches of the large international corporation, manufacturing well-known across the globe brand models of passenger and commercial vehicles, which continuously designs innovative vehicles for safer and more reliable driving experiences.

IO Datamovers was founded by a group of ICT systems, storage, and security experts with a combined experience of more than 30 years in the industry. With a deep understanding of how data needs to be organized, utilized, and protected, the company helps partners deliver maximum value to their customers with the best-of-breed solutions. For more information visit <https://data-movers.io/>