



Intel® vPro™ technology enables remote management with companion devices

Taeyoung Industry has improved its management system efficiency through remote management with Intel vPro technology. The company has also created the Smart Work* environment that allows its employees to perform their tasks using companion devices.



TAEYOUNG

Taeyoung Industry is Korea's leading liquid cargo and grain storage and loading company.

It has adopted Intel vPro technology in its grain warehouse management system at Ulsan Port.

The company has deployed the RSupport RemoteView solution for the management system and an efficient management of its grain warehouse is now possible with companion devices.

CHALLENGES

▪ Growing number of offices and fleets

Taeyoung Industry has expanded its regional offices as the company thrives. As the number of employees and their PCs or laptops increased, the company suffered from data overload and faced a shortage in human resources for data processing.

▪ Need for cost reduction

The grain warehouse at Ulsan Port is a logistics warehouse which requires a 24-hour management system to support storing and releasing stocks from the warehouse. Therefore, the company needs an economical system that can reduce management costs and power consumption.

SOLUTIONS

▪ Adoption of Intel vPro technology

Taeyoung Industry has adopted the RSupport RemoteView* program powered by a 2nd generation Intel Core vPro processor to provide efficient remote management for the grain warehouse at Ulsan Port.

IMPACT

▪ Green computing environment through efficient remote management

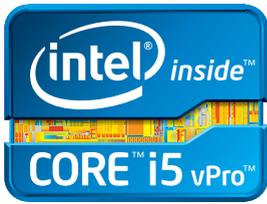
By implementing Intel vPro technology to the warehouse management system, the remote control of the power supply is now enabled for convenient and efficient management. The company is able to establish a green computing environment that can turn on the system only when necessary through the new technology.

▪ Smart management with the companion devices

For efficiency and convenience, system agents now have remote and ubiquitous access from devices like smartphones and tablet PCs through the RSupport RemoteView program powered by 2nd generation Intel Core vPro processors.

Introduction

Taeyoung Industry is Korea's leading liquid cargo and grain storage/loading company, with a large-scale grain warehouse in Ulsan Port. To keep up with its growth and the expanding number of regional branches, the company needed to add human resources to manage data processing company-wide. However, the existing four employees assigned to the task were not enough to sufficiently handle the increased workload. In addition, the warehouse should be operational around the clock and the existing system agent managing the grain warehouse must be powered on for normal operation. This led to elevated personnel costs and too much work for the system managers. As a result, the company needed a new and efficient remote management system to replace the costly and overloaded existing system.



The company was able to establish a Smart Work environment by comprehensively managing and controlling a number of PCs through a companion device. Also, the new system enabled the green computing environment with its efficient power management along with a significant cost savings.

Establishment of a remote management system

Taeyoung Industry implemented the 2nd generation Intel Core vPro processor platform for the management system agent. As a result, the company can remotely control the power supply to the system and manage the system with remote upgrades and maintenance. Now the system does not have to be turned on all the time and it has brought significant cost savings.

Improved work efficiency

The company is now able to establish a work environment that allows fast remote tasking through a smartphone, tablet PC, and other companion devices by deploying the RSupport RemoteView program based on 2nd generation Intel Core vPro processor in the system agent.

Multiple computers can be managed with a companion device and all the work can be handled without additional personnel, freeing system managers from work overload.

The company can also increase its employees' work efficiency by allowing quick processing of all the tasks from outside of the office.

Maximized productivity via fast error recovery

With the Smart Work environment, the company can now quickly diagnose and recover after any desktop/PC system error from a remote location. This feature minimizes PC downtime by eliminating the need to send a technician to provide deskside support, improving employee productivity and satisfaction.

Taeyoung Industry is satisfied with the maximized productivity through the increased efficiency in its management system as a result of the successful implementation of the Intel vPro technology. The company is now planning to gradually expand the Intel vPro technology-applied systems and develop a corporate-wide green computing environment for cost reduction and a Smart Work environment for work efficiency.

"We are now able to freely manage power and even control the BIOS when booting, which allows us to provide support to unmanned devices and devices in regional branches from a remote location. This achieved fast and efficient task processing. Particularly, we were able to reduce the instances of coming into work on off-days. We are very satisfied with the new technology."

Lim Gyucheol,
Team Manager/Network Team

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