



## SANSHIN uses ECnet for its e-Procurement, Inventory Control System & Material Composition Declaration Projects

# SANSHIN

**“We are confident that through electronically integrating our trading partners to our supply chain via ECnet, we will reap immense benefits such as improving our procurement execution abilities, cutting costs and improving the overall productivity of both our staff and trading partners.”**

**Toh Cheng Chuan**  
Materials Manager  
Sanshin (Malaysia) Sdn Bhd

### Solution

ECnet Pro

### Challenges

- To remain competitive and to optimize its effectiveness in supply chain management
- To replace its manual and imprecise methods to gain control and visibility of its inventory and enhance its efficiency in dealing with its trading partners
- To effectively track the flow of goods electronically with its high volume of inventory movement in the warehouse
- To ensure its suppliers comply with material composition regulations

### Results

- Improved visibility and speed of information
- Increased accuracy and eliminated errors
- Improved response time and increased productivity level
- Increased visibility and improved automation of information flow of its warehouse inventory
- Easy submission and declaration of its material compositions

**Sanshin (Malaysia) Sdn Bhd (SMSB)** is a subsidiary of Sanshin Electronics, Co. Ltd, Japan, reputed for manufacturing electrical components for their color LCDs and circuit boards. As a leading contract manufacturer, SMSB specializes in manufacturing car radio, tuner optical drives and PCB assembly as well as other electronic component related products.

To remain competitive and to optimize its effectiveness in supply chain management SMSB needed to replace its manual and imprecise methods to gain control and visibility of its inventory as well as enhance its efficiency

in dealing with its trading partners. In addition, with the high volume of inventory movement in its warehouse, it needed a solution to enable it to effectively track the flow of goods electronically.

With more countries promoting environmental friendly production and disposal of hazardous substances, manufacturers are facing a growing number of complex regulations governing the usage and disposal of these substances being used in their products. SMSB, as part of its Green Procurement Project, wanted to embark on such an initiative to ensure that its suppliers comply with regulations by declaring the composition of the material components being used. Instead of a manual-based declaration, SMSB was looking for an online material composition declaration solution that could eliminate both manual and paper-based processes.

### Why choose ECnet?

With all these complex requirements in mind, SMSB looked to ECnet and found an ideal fit in all of its project requirements. Through ECnet's proven collaborative solutions, it was able to access state-of-the-art supply chain management technology without incurring the time and resources needed to build such solutions in-house. With its deep domain expertise, ECnet's team also provided professional consulting services that were integral to the success of the entire project deployment.

### The solution

For its eProcurement project, SMSB implemented the ECnet Pro solution which enabled SMSB to improve its visibility and speed of information, increase accuracy and eliminate errors through optimizing the processes of Purchase Order Management, Forecast Management, Delivery & Logistics Management and

Business Intelligence for Reporting. ECnet's Pro Solution can enable SMSB to take on a more strategic approach to its forecasting and planning with ready and accurate information on-hand. ECnet's Business Intelligence for Reporting also provides SMSB with important Key Performance Indicator (KPI) reports to keep track of its performance.

### **The results**

#### ***Improved information visibility***

With increased information visibility, SMSB's trading partners are now able to respond faster to its orders as well as increase their productivity.

#### ***Increased Accuracy & Eliminated Error***

In order to successfully track and manage its warehouse inventory, ECnet helped SMSB to set up a Barcode Inventory Tracking & Management System with its partner, SATO, providing the hardware for the barcode mechanism. The Barcode Inventory Tracking & Management System successfully enabled SMSB to set up a standard procedure for automating the information flow of receiving and issuing goods by integrating the data from ECnet's web-based system and its existing backend system. This helped to reduce the human error aspect for manual operation and data entry, as well as reduced the amount of time spent on receiving, picking, delivering and stock-take of items.

#### ***Improved efficiency & Central Information Repository***

ECnet's Material Composition Declaration Solution enabled SMSB to embark on its Green Procurement Project seamlessly, all via web-based and thus doing away with tedious manual-based processes. Now, SMSB's suppliers need only submit and declare their material compositions via the web and ECnet's system is able to store all information on a central database for easy compliance management. To access all relevant compliance information, SMSB only needs to access the management dashboard provided by ECnet. Best of all, SMSB's suppliers can easily submit the declaration certificates online.

#### ***Our Partner for Supply Chain Management***

"Though the projects have just been recently implemented, we are confident that through electronically integrating our trading partners to our supply chain via ECnet, we will reap immense benefits such as improving our procurement execution abilities, cutting costs and improving the overall productivity of both our staff and trading partners, said Mr. Toh Cheng Chuan, Materials Manager, Sanshin (Malaysia) Sdn Bhd.



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