PT Wirajaya Packindo improves management and reporting with ERP

Specialised software running on HP Integrity Server

Industry
Packaging

Objective
Manage production at new corrugated packaging plant

Approach
Choice of ERP system based on recommendations from other packaging companies

IT matters
• Provided full end-to-end ERP system for new manufacturing facility

Business matters
• Enabled tracking of all processes throughout pre-sales, ordering, production, delivery and accounting
• Accelerated completion of tasks such as running enquiries and generating invoices
• Increased accuracy of reporting and forecasting
• Improved information provided to customers
• Enabled fast, accurate decision-making

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– Stevanus Rahardja, director, PT Wirajaya Packindo

CPS/Enterprise provides end-to-end management

PT Wirajaya Packindo uses the CPS/Enterprise ERP system, running on an HP Integrity Server, at a newly-opened plant for manufacturing packaging. The software has helped it to improve reporting, decision-making and cash flow, and to provide better information to customers.

Challenge

Software for new plant

Established in 1991, PT Wirajaya Packindo is one of the main manufacturers of corrugated cartons and boxes in Indonesia. It works closely with its customers to provide high quality, cost-effective packaging.

The company has capacity to manufacture up to 5,000 tonnes of corrugated boxes and sheet each month. It also has a paper mill division, which currently produces 12,000 tonnes of corrugated medium paper board and liner board,as well as 4,000 tonnes of coated duplex board each month. For its corrugated packaging plants, PT Wirajaya Packindo uses paper from its own paper mills.

The company's existing corrugated packaging plant, known as Wira Box 1, was using a custom-designed software system to manage production. When it expanded by opening a new plant in Purwakarta, called Wira Box 2, PT Wirajaya Packindo decided to review the software it was using, and look for a new system that would be better suited to the demands of corrugated packaging manufacturing.

Solution

Specialised ERP

"The existing custom software had some limitations on how integrated it was, and was not always completely dependable in the information it produced, so we wanted a new solution at the outset for our second packaging plant," says Stevanus Rahardja, director at PT Wirajaya Packindo.

For the new site, Rahardja decided to use CPS/Enterprise, a specialised enterprise resource planning (ERP) system for corrugated packaging manufacture. The system was created by Prestige Atlantic, an HP partner.

"CPS/Enterprise is used in many corrugated packaging plants in Indonesia, so I already had a lot of information on the software from talking to other companies in the industry," says Rahardja. "This convinced me to use the CPS/Enterprise system for myself – knowing that it is already used by many other corrugated packaging companies gave me confidence."

To run the CPS/Enterprise software, Prestige Atlantic recommended a system based on an HP Integrity rx2800i4 Server, running the HP-UX 11iv3 operating system. The server has four 146GB hard disks, which are mirrored to increase reliability. An HP Storage DAT 160 Tape Drive provides backup, while continued operation in the event of any power outages is ensured by an HP UPS R1500VA uninterruptible power supply.

"As a company, we were already using printers, laptops and other computers from HP," says Rahardja. "These HP products had been reliable, and I was happy to go with HP as the choice of hardware for the CPS/Enterprise system."

Prestige Atlantic and HP worked together to install the system, and implementation was completed on schedule. Rahardja comments, "HP provides 24-hour support, which is good. So far, we have not had any problems with either the hardware or the CPS/Enterprise system."

Now, up to 50 staff can use CPS/Enterprise at any one time. The software provides a full end-to-end solution, and enables the company to track all customer orders through the factory – from estimation and quotation, through receiving the order, to logistics, delivery and accounting. While a job is in production, CPS/Enterprise can manage and monitor all relevant manufacturing details, and the system also handles planning and inventory management.

Benefits

Improved forecasting

"With CPS/Enterprise, we can give a quotation to the customer, then when we receive the purchase order from the customer we put that through the system, as well as managing shipping," says Rahardja. "I can get all that in one package – the software manages the whole process.

"The system enables us to complete many tasks quickly, such as running enquiries on data, and generating invoices," says Rahardja. "Time is money – so if I can get information faster, then I get the money quicker too."

With its accounts payable and accounts receivable information all integrated with CPS/Enterprise, PT Wirajaya Packindo has been able to improve cash flow and forecasting. Rahardja comments, "We know exactly when customers should pay us, and we have been able to make our cash flow prediction more specific and more accurate."

Fast and accurate reports

By linking to the machines used to make the packaging, CPS/Enterprise can provide detailed production data. Reports provided include information on downtime, production volumes, and the number of outstanding jobs at every stage of the production process, for example how many orders are finished but not yet delivered.

Customer solution at a glance

Applications
CPS/Enterprise ERP system

Hardware
- HP Integrity rx2800i4 Server
- HP StorageWorks DAT 160 Tape Drive
- HP UPS R1500VA

Software
- HP-UX 11iv3 Operating System

"The system means that we can get all the information we need quickly and accurately," says Rahardja. "This means that we can make decisions rapidly and with confidence, because we have all the necessary data from CPS/Enterprise."

The software helps PT Wirajaya Packindo to schedule production jobs on its machines, and plan all tasks. This has enabled the company to increase its output at the new packaging plant.

"We can ship orders more quickly, and CPS/Enterprise helps us prioritise more urgent jobs," says Rahardja. "If a customer tells us a task is required quickly, we can set it into the system so that it gets scheduled to happen sooner."

CPS/Enterprise also means that PT Wirajaya Packindo can provide better information to its customers, as Rahardja explains, "We can track orders more accurately in production and our warehouse, which means we can tell customers when their goods are going to be delivered, or give them updates as to which process their order is at now, for example if they are queued for printing."

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> – Stevanus Rahardja, director,
>   PT Wirajaya Packindo

"With CPS/Enterprise, we can give very accurate information to customers," says Rahardja. "Customers are always monitoring our production and asking when their orders will be ready, so it's helpful for them to have all of these details."

Integrated system
For the future, PT Wirajaya Packindo has already decided to switch its existing packaging plant over to the CPS/Enterprise software within the next six months – bringing it in line with the new facility.

The company is also planning to extend its usage of the software to cover its paper mills, as well as the two corrugated packing plants. Rahardja explains, "Prestige Atlantic has shown us how CPS/Enterprise can work as an integrated system for the mills and packaging plants, so this is our plan for the future.

"Right now, at the corrugated plant, I can see information on all the outstanding orders, including where they are in production, what jobs are finished and details on deliveries," concludes Rahardja. "With the CPS system I can get all the details I need. I would recommend the software to other companies in the corrugated packing industry."

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