

Case study

PT Cipta Multi Buana Perkasa supports growth with ERP



HP Integrity server runs CPS/Enterprise software to control production

Industry

Packaging manufacturing

Objective

Improve efficiency and control to support business growth

Approach

Chose industry-standard software, based on recommendations from leaders within the packaging industry

IT matters

- Implemented end-to-end ERP system to control and manage packaging manufacture
- Rolled out system on schedule
- Integrated with company's existing accounting software

Business matters

- Achieved time savings of around 10 per cent
- Improved control of operations
- Provided reports for management, enabling problems to be identified and resolved quickly
- Enabled more accurate, timely and detailed information to be provided to customers
- Managed stock of raw materials, improving efficiency



“CPS/Enterprise is very good software. It’s easy to use, and is helping our company to grow efficiently.”

– Darwin Arif Wijaya, IT consultant, PT Cipta Multi Buana Perkasa

End-to-end software system improves efficiency

To respond to business growth, Indonesian packaging manufacturer needed to improve control and efficiency of its production processes. It chose industry-standard CPS/Enterprise software, which has helped it to manage its business more effectively, and improve the information it can provide to customers.





Challenge

Responding to growth

Based in Tangerang, Indonesia, PT Cipta Multi Buana Perkasa manufactures corrugated cardboard packaging. In its production area, which covers 2.5 hectares, the company makes single, double and triple wall packaging.

PT Cipta Multi Buana Perkasa has a total of around 400 employees, including production, marketing and sales staff. It has equipped its plant with sophisticated equipment, based around two major corrugated cardboard making machines – one with a production capacity of 5,000 tonnes per month, and the other that can make 2,000 tonnes per month.

Once the cardboard is manufactured, PT Cipta Multi Buana Perkasa's team use a variety of other machines to produce the finished packaging. This includes an automatic folder-gluer, a rotary die cut machine, and multiple stitching machines and colour printers. PT Cipta Multi Buana Perkasa also owns a one hectare warehouse, and runs its own fleet of trucks to deliver its products.

As its business was growing, PT Cipta Multi Buana Perkasa's management wanted to control production more closely, and to make all processes more efficient. It was using multiple software programs developed locally, but wanted to find a single system that could control all of its operations.

"The company was becoming bigger, and management did not want processes to become out of control," says Darwin Arif Wijaya, IT consultant at PT Cipta Multi Buana Perkasa. "They decided to implement an information system that can control everything, from customer order, through production and then delivery.

"We were looking for a reliable and cost-effective product," says Wijaya. "We also wanted a proven system that had been successfully used in many other factories in the packaging industry."



Solution

Complete ERP system

To meet these needs, PT Cipta Multi Buana Perkasa decided to implement the CPS/Enterprise software system from Prestige Atlantic, an HP partner. CPS/Enterprise is a complete enterprise resource planning (ERP) system that handles business processes from beginning to end – from estimation, quotation and orders, all the way through production to logistics, as well as financial and accounting features.

Just as importantly for PT Cipta Multi Buana Perkasa, CPS/Enterprise was developed specifically for the packaging sector, and has a proven track record at multiple companies. This gave it the reassurance it was looking for: that it was using software that would adapt to the specific niche needs of its industry.

In fact, CPS/Enterprise was specifically developed to improve the control of packaging manufacture – which is the requirement PT Cipta Multi Buana Perkasa's management was looking to address as its business grew. With better control and reporting, PT Cipta Multi Buana Perkasa would be able to ensure all processes operated at maximum efficiency.

On the financial side, the software enables companies to manage costs, improve profits, and track and analyse sales, as well as keeping a check on accounts receivable and accounts payable.

It also provides modules to manage production processes and schedules, to control material inventory, and to track finished goods as they move through the warehouse and are delivered to customers.

Rollout on schedule

Prestige provided consultancy and implemented the CPS/Enterprise software system – a steady process that is still underway, as more modules are added. Wijaya says, “We are still rolling out the system, and it is running on schedule.”

The CPS/Enterprise software runs on an HP hardware system supplied by Prestige Atlantic. This includes an HP Integrity rx2800 i4 Server, running the HP-UX 11iv3 operating system. An HP Storage DAT 160 Tape Drive provides back up, while an HP UPS R1500VA means the system continues to operate, with no data loss, if there is a power outage.

“We chose the HP hardware because it was recommended by Prestige Atlantic,” says Wijaya. “The HP solution is high quality, and we are happy with the service from Prestige.”

If there are any problems, PT Cipta Multi Buana Perkasa calls HP directly for support. Wijaya comments, “HP's support is very good, and they are quick to respond if we have an issue.”

The system supports up to 50 concurrent users, and is used by operational, production, warehouse and marketing staff. At the production plant, PT Cipta Multi Buana Perkasa operates a two-shift system: morning and afternoon.

Customer solution at a glance

Applications

CPS/Enterprise ERP system

Hardware

- HP Integrity rx2800i4 Server
- HP Storage DAT 160 Tape Drive
- HP UPS R1500VA

Software

- HP-UX 11iv3 Operating System

Benefits

Improved control

With CPS/Enterprise managing all aspects of its production, PT Cipta Multi Buana Perkasa has achieved its goal of improving control of its processes. Wijaya says, "By using CPS/Enterprise, management can control our operations more efficiently."

PT Cipta Multi Buana Perkasa has achieved time savings of around 10 per cent from its production processes due to CPS/Enterprise, assisting it in its goal to improve efficiency, and helping the company to grow profitably.

"I use CPS/Enterprise to provide a monthly production report for the management, and I can produce other reports based on the data any time they are requested," says Wijaya. If there is a problem in production, these reports can be used to identify the issue, and thus enable it to be resolved quickly – minimising the financial impact.

"The reports can show details such as how many cartons we produce per day," says Wijaya. "We also have a materials module, which shows the current stock levels of raw materials – this helps us to control the stock better, and is helps with efficiency, because it makes sure that we do not purchase items that we already have in the factory."

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The CPS/Enterprise system integrates with PT Cipta Multi Buana Perkasa's accounting software, helping the company to manage the financial side of its business effectively. Data is exported from CPS/Enterprise, which PT Cipta Multi Buana Perkasa can then import easily into its financial software.

According to Wijaya, CPS/Enterprise also improves the information that PT Cipta Multi Buana Perkasa can give to its customers. He comments, "Our sales managers can find out if an item is actually being produced yet or not, and can pass this information to customers, and let them know when their order will be delivered.

"The CPS/Enterprise software is flexible, allowing us to create custom programs for our own use," said Wijaya. "As well as this flexibility, it enforces appropriate standards, so not every user can modify everything – which helps us keep processes controlled.

"CPS/Enterprise is very good software," concludes Wijaya. "It's easy to use, and is helping our company to grow efficiently."

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