

# TOSHIBA

## Managing Manufacturing

Increase productivity  
through information sharing  
with visualization system



Panasonic Appliances Air-Conditioning Malaysia (PAPAMY) was established in 1972 to make window-type air conditioners. Today, as one of the leading air-conditioner manufacturers, the PAPAMY factory occupies about 200,000 square meters and consists of two plants.

PAPAMY handles all aspects of production from design to manufacturing, quality control, distribution and servicing, meeting every need of the market and delivering complete customer satisfaction.

PAPAMY offers ultra-modern facilities and advanced technology. By using Toshiba's visualization solution, PAPAMY was able to increase the efficiency of information sharing and more fully automate production workflow.

### SUCCESS STORY

Customer: PANASONIC APPLIANCES  
AIR-CONDITIONING MALAYSIA (PAPAMY)  
Country: Malaysia  
Industry: Manufacturing



## THE CHALLENGE

Before the implementation of the Toshiba visualization solution, production results and reports were compiled manually at each step of the production process. Since information sharing was done manually, there was minimal information sharing on the production line.

This caused delays in identifying and responding to the production issues such as shortages of materials and parts, adding to the challenges faced by management in monitoring and controlling overall production.

## THE SOLUTION

In order to ensure a smoother production for PAPAMY, Toshiba TEC Malaysia has thoroughly researched and analyzed PAPAMY's situation and proposed a visualization solution that enhances their reporting and information sharing system. This customized visualization solution compiles and tabulates production results automatically and provides real-time information to streamline PAPAMY's production workflow for each section.

It can also display data for scheduling and materials management to facilitate overall production management. This solution improves monitoring of production processes and allows faster, more effective response to problems.

## THE RESULT

The Toshiba visualization solution shows daily targets and outcomes for enhanced productivity. Since this solution provides real-time information and results, production issues can be easily identified, along with other complications so that issues can be resolved quickly.

The visualization system helps staff to evaluate their own performance on a daily basis and assists them in achieving higher productivity, therefore, challenging them to improve individual and overall production targets.

"We are satisfied with the solutions and the full service support that Toshiba TEC Malaysia provided. So, we are considering to implement this solution at all levels in the future."

– Subramaniam Kesavan, General Manager, Information Systems Center.

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