



THE MODERN MANUFACTURING PLANT

Enhance your manufacturing processes with
Honeywell and Phitomas

Honeywell and Phitomas Manufacturing
Execution Solutions (iCAPT)

Honeywell

PHITOMAS
Digital Business Automation

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Today's manufacturing plants are more complex than before. From labour-intensive assembly tasks to fully automated environments, manufacturers need workflow solutions that help reduce errors and significantly increase efficiency in production, storage and supply chain operations.

Honeywell has partnered with Phitomas, a leading Enterprise solution provider in Malaysia that delivers digital business automation solutions such as ERP & MES, IoT and Big Data Analytics.

With this partnership, Phitomas has designed a Manufacturing Execution System (iCAPT) that enable customers to have a real-time view of all materials, parts and finished goods across a range of manufacturing operations; delivering critical data to optimise production processes and maintain consistent quality control.

iCAPT CONNECTS THESE OPERATIONS

Purchase Order Receiving

Increase visibility with suppliers, reconcile packing slips, and quickly sort inbound materials for put-away.

Put-away and Replenishment

Ensure items received are in the right location for efficient picking, inventory turnaround analysis, and to eliminate loss of sales.

Inventory and Materials Management

Know the current status and location of all inventory and materials for greater productivity. Empower floor users with visibility using mobile devices.

Picking

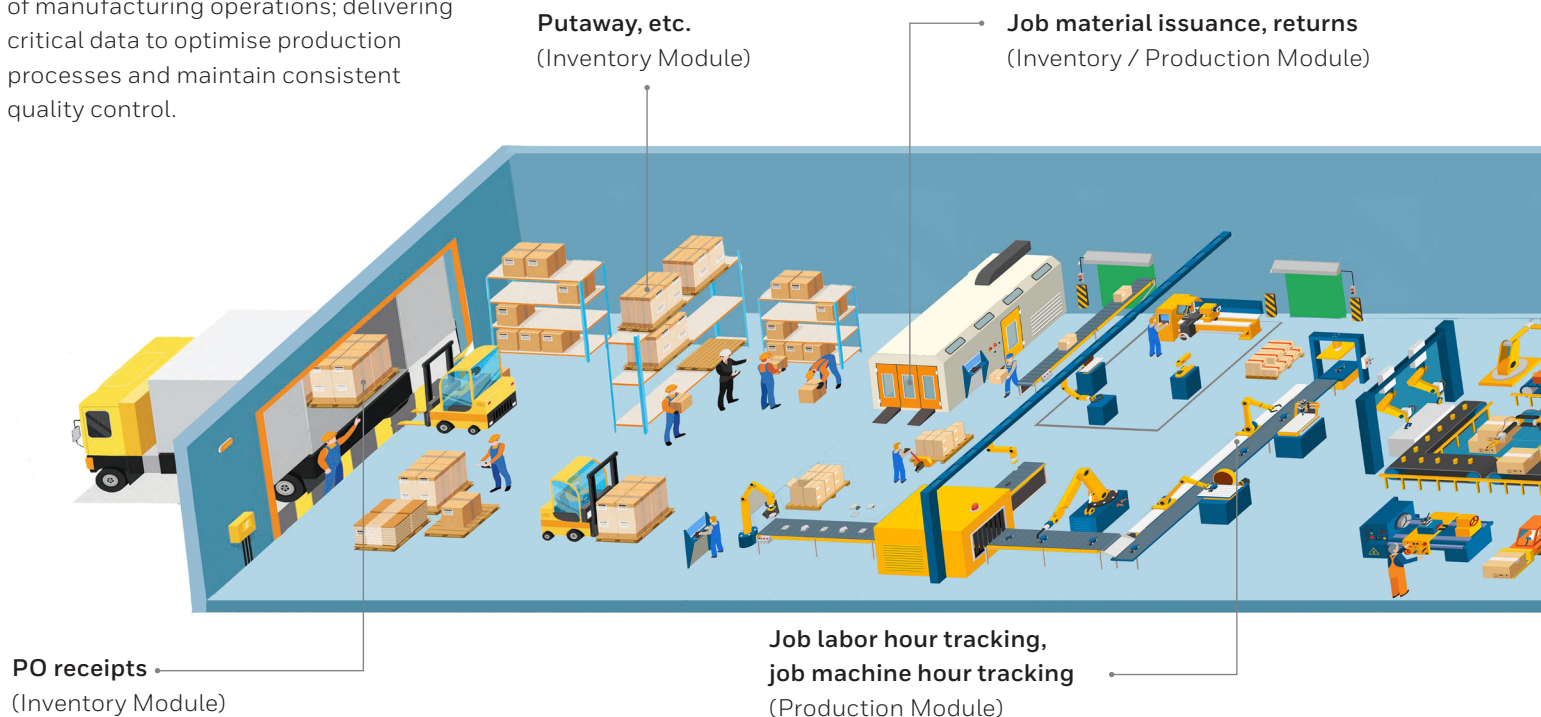
Increase efficiency in picking, allowing your workers to be more focused in completing their tasks.

Job Orders, Labor and Machine Hours Traceability

Provide on-time operational and actionable data on labor, the location and progress of jobs.

Shipping

Eliminate manual loading verification processes and optimize accuracy.



iCAPT FEATURES

Inventory

- Purchase order receiving
- Put-away
- Production receipts
- Sales order picking
- Shipping



Eliminate manual entry errors



Real-time update and validation



Simplify warehouse operations



Barcode label printing

Production

- Production material issuance
- Job labor hour tracking
- Job machine hour tracking



Improves shop floor visibility



Accurate labor tracking



Job material issuance

iCAPT is integrated with Honeywell mobile computers, scanners and industrial printers to offer businesses with either a standalone manufacturing solution, or an integrated solution to their enterprise software.

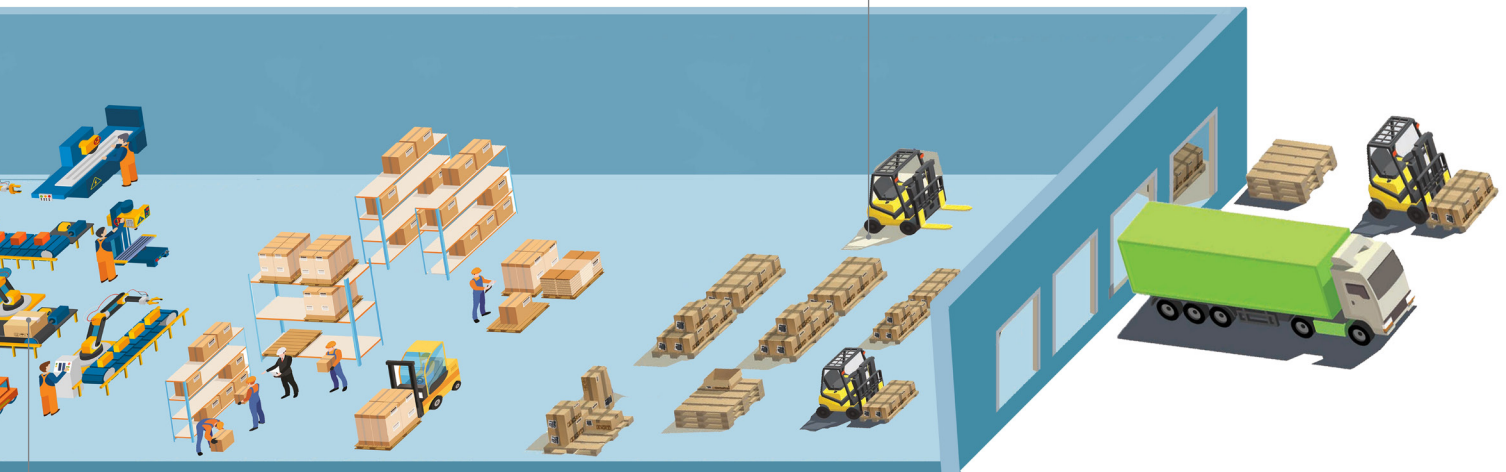
From the physical put-away of goods to identifying actual storage location of parts or manufactured goods, job material issuance, capturing labor and machine hours to outbound picking processes and shipping. Honeywell and

Phitomas' integrated manufacturing solution can improve manufacturing workflow performance by automating all related manual tasks.

Businesses can now get real-time view of all materials, parts and finished goods going through the manufacturing and warehousing operations. Honeywell and Phitomas solution also enable you to optimise production processes and maintain consistent quality control.



SO (Sales Order) Pick, SO (Sales Order) Ship
(Inventory Module)



Job moves, job receipts
(Inventory / Production Module)

CUSTOMER CASE STUDY

Honeywell and Phitomas automate manufacturing processes for UWC

UWC is one of the largest sheet metal fabrication manufacturers in northern Malaysia, servicing multinational corporations around the globe. UWC's plant in Batu Kawan Industrial Park, Bandar Cassia, Penang, spanning 5ha (12.5-acre) and boasts a built-up area of 32,516sq m (350,000sq ft). It is equipped with state-of-the-art machinery and assembly lines for the production of diffusion pumps, semiconductor test equipment and heavy-duty handler products.

Given UWC's rapid business growth, the business required greater control in

product traceability, asset mobility and plant productivity. The manufacturer required a mobile data capturing solutions to track its raw materials, finished goods, work-in-progress, labor and machine hours. UWC also needed to have the ability to print their own tracking labels, scan receiving, transfer, shipping and other inventory transactions.

Phitomas worked with Honeywell to develop for UWC to record inventory and production transactions thereby giving UWC greater visibility over its operations. Prior to the new solution being implemented, transactions were

manually recorded in a logbook and then keyed in again into the ERP system. Since working with Phitomas, data can now be entered anywhere within the manufacturing plant via Honeywell mobile computers, which updates the ERP on a real time basis.

iCAPT helps improve efficiency and reduce wastages by eliminating human error during data entry and picking processes. It also delivers tangible time savings, as barcode scanning is much faster and more reliable than entering data manually.



HONEYWELL END-TO-END SOLUTIONS FOR MANUFACTURERS

For over 4 decades Honeywell productivity and workflow solutions has helped supply chain organisations produce quality product and deliver it on cost and within budget. This is done through automating processes, reducing waste and human errors through greater visibility and transparency across the value chain.

Mobile computing

Our rugged handheld and vehicle-mounted computers deliver multipurpose utility, improve worker productivity, and help get the job done safely and efficiently. They are also Android™ capable and developed on a common platform called Mobility Edge™ that provides easier and faster deployment and extends the life of the investment with future proofing of security and system development.

Scanning

Built for specific challenges and work environments, we offer a robust variety of industrial and handheld scanning solutions to meet your various needs. Most of these solutions also are capable of reading both near and far labels.

Printing

Our wired and wireless printer solutions are designed with built-in

intelligence that improves efficiency and lowers costs, while satisfying high-demand printing needs.

Software

We help manufacturers across the globe through our cutting edge and technologically advanced suite of digital software solutions in the field of IoT, AI and Machine learning to drive digital transformation and help them increase productivity, reliability and efficiency.

Services

Life cycle support services from Honeywell provides the services, parts and support needed to keep systems running at peak efficiency.

BE FUTURE READY— TRANSFORM YOUR MANUFACTURING PROCESS NOW!

Honeywell and Phitomas are committed to help you solve your operational challenges through innovation with a desire to deliver best-fit solution and transform your business. Our expert assessment teams will partner with you to understand your unique business requirements and identify where opportunities exist to optimize your workflows and increase efficiencies within today's competitive manufacturing sector. Take your manufacturing processes to the next level.



For More Information

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FUTURE
IS
WHAT
WE
MAKE IT**

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