

Production Management System

PEGASUS

Streamline inventory, processes, and order management smartly. Optimize your production processes with PEGASUS.

Scan here to download detailed materials



The PEGASUS Process Management System is designed to **achieve effective process management in the manufacturing industry.** It is comprised of three key modules: Stock Management, Process Management, and Order Management. From material procurement and order management to process performance tracking and Stock control, the system enables **seamless end-to-end management.** With the PEGASUS Production Management System, businesses can **achieve "improved operational efficiency" and "cost reduction."**



Visualization

Real-time Situation Monitoring

- ✓ Monitor production progress in real-time.
- ✓ Daily tasks, production processes, and working hours will be recorded.
- ✓ By semi-automating operations through the system, anyone can perform tasks with consistent quality.



Improve Productivity

Simplifying tasks can lead to enhanced productivity.

- ✓ Digitalization enables efficient "collection," "organization," and "analysis" of data.
- ✓ Data can be accessed and edited from devices such as PCs or Handy Terminal.
- ✓ Prevents errors and redundant tasks.



Cost Reduction

By reducing management workload, "cost" reduction can be achieved.

- ✓ Paperless operations eliminate the need for printing, reducing printing work hours.
- ✓ By assisting with tasks like data entry, the system enables anyone to perform operations easily, eliminating reliance on specific individuals.



Introduction to Modules

The PEGASUS Production Management System consists of three core modules.



Sales Order Management

This system supports office tasks from inputting order data to order processing, enabling efficient operations and accurate management. Additionally, it integrates with stock management and process management systems, facilitating data sharing between departments and centralized data management.



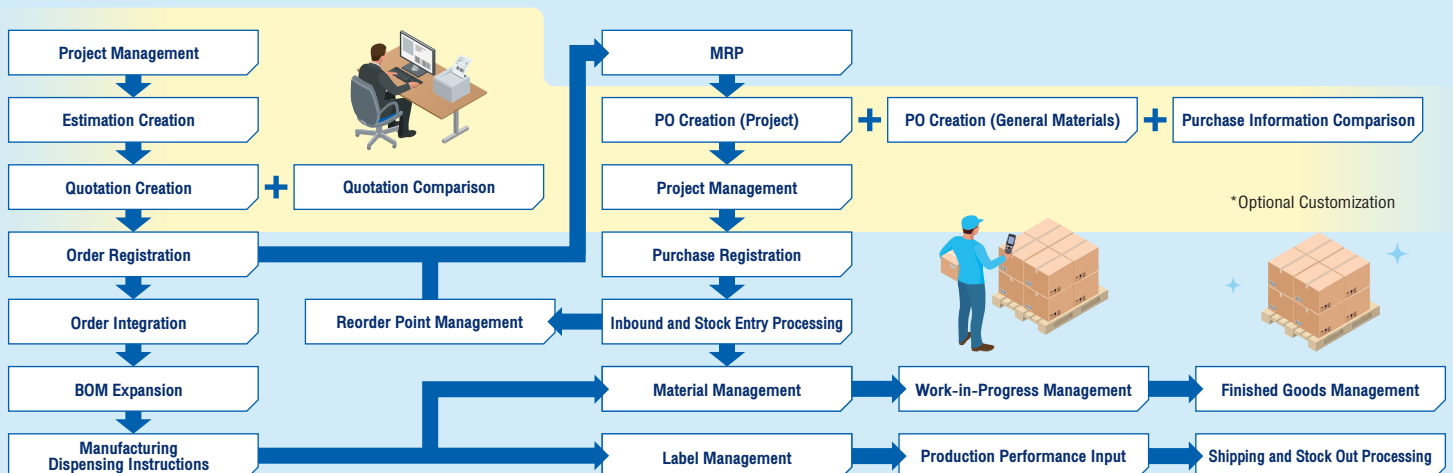
Process Management

This system enables production planning from sales order data, collects actual performance data, and manages production progress. It also integrates with the stock management system, allowing for the management of work-in-progress and semi-finished goods, thus optimizing overall process management efficiency.



Stock Management

This system covers all stock management processes, including receiving, storage, and shipping, supporting accurate and efficient operations. It enables quick and precise handling of tasks such as inspection upon receipt, location management, stocktaking, picking, and packing.



Feature Introduction Introducing the features of the PEGASUS Production Management System, categorized by modules.

Sales Order Management

Order Registration & Forecast Registration

Order and forecast information can be registered in PEGASUS based on customer data. Registration is possible at two levels: confirmed PO or unconfirmed forecast.

Material Requirement Planning MRP

Based on sales order and forecast data, the system calculates material requirements. By considering sales orders, stock quantities, reorder points, and expected arrivals, the system calculates the required order quantities for materials.

Process Management

Creating Dispensing Instructions for the Next Process from Order Information

Based on the order's finished product code and quantity, the required materials are calculated and compared with current stock levels to determine the necessary amount.

Manufacturing Lead Time Calculation

Based on manufacturing instructions, a production schedule for each work-in-progress and finished product is created, with lead time input in days (e.g., N-1).

Stock Management

Stock Count Inspection for Inbound and Outbound Shipments



Stock count inspection involves verifying that the quantity of products received matches the inbound and outbound (stock in/out) data using Handy Terminal.

Material, Work-in-Progress and Finished Goods Stock Management

The system enables management of materials, work-in-progress, and finished goods inventory. It allows for tracking the quantity of work-in-progress items at each stage of the process.

Case Studies Here are some testimonials from customers who have implemented our system.



Client Companies



Sanko Mold and Plastics(Thailand) Co.,Ltd.
Inventory Management System Case Study/

The custom-made inventory management system addressed issues on the production floor in Thailand and improved operational efficiency.



Client Companies



UEDA PLASTIC (THAILAND) CO.,LTD.

Inventory Management & Operation Management System Case Study/

Customized functionalities tailored to the production floor improved productivity and enhanced traceability!



Client Companies



Kaneka (Thailand) Co.,Ltd.

Stock Management & Manufacturing Process Management System Case Study/

A small steps installation is implemented to ensure complete alignment with the requirements.

System installation schedule The PEGASUS Production Management System can be available in as little as 1 month.

Current situation analysis
(Within sales)

Requirement definition
(1-4 weeks)

Design
(1-3 weeks)

Development / Testing
(1-20 weeks)

Implementation Support
(1 week)

Minimum 4 weeks (1 month) Maximum 28 weeks

Server type can be selected from cloud version and on-premise version.

Hardware configuration

#	Item	Recommended specs/Model
1	PC Server	Cloud version/On-premise version OS: Windows Server 2019R2Standard Memory: 8 GB or higher Hard disk: Free space of 50 GB or higher Display: Resolution 1366 x 768 or higher Browser: Google Chrome (latest version) *Server machine with recommended model specs or higher
2	Client PC	OS: Windows7/8.1/10/11 Memory: 4GB or more Display: Resolution 1366x768 or more Browser: Google Chrome (Latest version) *PC machine with recommended model specifications or higher
3	Handy terminal	KEYENCE BT Series (Windows OS Type, Android OS Type)
4	Access point	Compliant with IEEE 802.11a/b/g/n standards
5	Label printer	WIFI/Bluetooth compatible model Material: Art Permanent Size: 50x100mm.
6	UPS	UPS shutdown signal type

Apply for a free trial here

© Orders and inquiries

The PEGASUS Production Management System is available for a free demonstration. You can try it out and check whether it fits your operations. We provide demo environments for Handy Terminal and the cloud version. To request a demonstration, please contact us at the following inquiry details.



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