BUSINESS COMPETITIVE INTELLIGENCE

บริษัท บิสซิเนส คอมเพ็ตทิทีฟ อินเทลลิเจนซ์ จำกัด

Q.Soft SCM

สุดยอดโปรแกรมที่นักบริหารเลือกใช้

- ลด Dead Stock
- ประสิทธิภาพสูงสุด
- วางแผนการจัดซื้อล่วงหน้า
- ยืนหยุ่นในการเปลี่ยนแปลงแผนการจัดส่ง

Tel : 0-2582-2110, 08-6321-3874, 08-6395-0364

Q.Soft SCM.

Supply Chain Management Solution for Manufacturing.

Q. Soft SCM is a program developed by a team of experienced analytics. and develop production management systems in various industrial sectors Combined with a team that has experience in developing Database Applications. We are committed to providing solutions to help solve production management problems for all types of industries. has selected the specific features suitable for various business types in order for our customers to get a solution that fits the specifics of their own company.

Business Competitive Intelligence Co., Ltd.
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We adhere to the concept of "Just in Time, Zero Defect, Zero Stock" as the aim of this solution, which is to smooth production throughout the customer's business value chain. to save the most effective such as reducing Dead Stock to be as close to zero as possible in the part of finished goods - semi-finished goods - raw materials, calculations, and flexibility in changing delivery plans when changing orders from customers. timely, advanced purchasing planning with the following main features

Q. Soft SCM consists of the following main features:

1. **Advanced Planning & Scheduling Module** is a simulation system that will occur in advance production planning to manage production plans and deliver goods on time or planning for production to reduce the amount of inventory to be lower or planning for select lower the production cost BOM. It supports made to order, made to stock, made to forecast production. It can handle hot orders with highest efficiency. (Can interrupt production plan when sale get hot order) and help determine the management of the shop floor, along with the Gantt Chart that can be modified improved the work plan at the Gantt Chart, making it easy to improve the production plan. You can also plan your order in advance by calculating Purchasing Lead Time, including outsource (OEM) planning with the date of needing (Pull) the product to the supplier and can also calculate time and quality with a resolution of up to 12 decimal places.
2. **Preparation of a quotation by selecting a production cost calculation formula.**
   The program facilitates sales staff in selecting production formulas to view costs. and add the difference to offer for sale.
3. **Material Requirement Planning Module**
   Support stock management (raw material receipt, raw material picking to production, product receipt from production, production waste receipt, transfer of goods between warehouses, return of raw materials to suppliers, return of raw materials from production, return of goods from customers). Tracking production information (Backward Traceability and Forward Traceability). Stock management system (FIFO – Lot

Specific) and can control products in Sub Lot or Serial No. Can create production lot from customer's lot or create lot no. for internal use

4. **Shop Floor Control**

Dashboard to track and analyze the production situation with real-time updating the job status Including the number of products that can be produced by scanning a barcode or QR Code, reducing the error of keying by hand. and convenient, fast, and easy to operate.

5. **Production Cost**

Record and calculate the production cost including subsequent cost allocation resulting to be an actual cost that comes from direct raw materials + direct labor + overhead (DM can give the program to calculate the Moving Average or FIFO or Lot Specific), (DL can calculate both labor per minute. or per piece), OH (unlimited allocation topics can be set)

6. **Option Warehouse Management System**

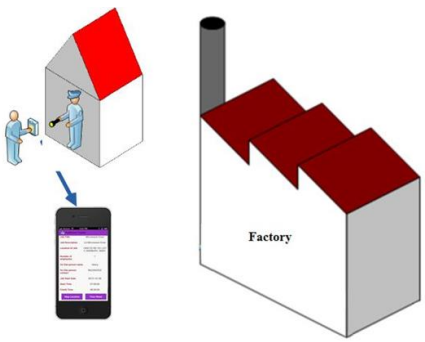
Supports product storage management at the location level and shelf level , pallet management, product tag issuance in the recycle Kanban.

7. **Option Quality Control System**

Collect details of the test results of raw material properties, both products in the process of production. and finished production to issue NCR documents when receiving raw materials or Certificate of Analyst for products to be delivered to customers and the results of the inspection of the products returned by the customer.

8. **Option Skill Matrix**

System for dispatching work to staffs in the production lines with the method of placing from the level of ability to perform and when the employees actually work, the program will pay the works to the mobile phone or print the work sheets to the operators.



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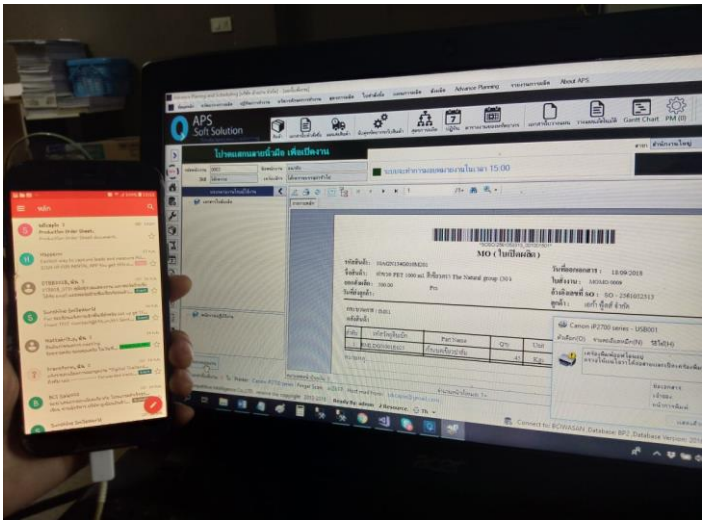


9. **Option Sale Order (Web Application – Mobile Responsive)**

   Supports multi-level discounts, promotions, coupons, free gifts, requesting credit limit approval - temporarily increasing credit limit via LINE Notification

10. **Plant Maintenance Module (Optional)**

    Support for preventive maintenance scheduling, notifying urgent repairs (Breakdown), opening repairs, managing spare parts and equipment by barcode, and monitoring maintenance situations. and calculate maintenance costs. The maintenance plan, and breakdown notification is linked to the Advanced Planning and Scheduling System (APS), allowing the production planning department to rescheduling in a timely manner.

11. **Security and Authority system**

    Able to set rights to use (add, edit, delete, see, print) in every menu, can set permissions to เ separate documents. When the program calculates the request of consumption goods and raw materials, can separate the needs of each product for different books, configure visibility to all cost fields and keep log of all activities in program

12. **Interface with Accounting System**

    There is a menu to exchange data with many leading accounting programs, such as through automatic central tables such as WINSpeed, API with Web Application or Export-Import Data by excel file that match many leading accounting software brands such as Formula.

Auxiliary system

13. Potin of Sale Module

It is a point-of-sale system that can work both offline and online at the same time. Therefore, the problem of not being able to sell products when the internet is disconnected will be eliminated and it is easy to manage the policy of managing multiple storefronts at the same time from a centralized location. Making promotions, coupons, and freebies, there is a membership system and a GP calculator.

14. Business Intelligence Module

After using Q.Soft SCM, customers will receive data in real-time that should be supplemented with Dashboard for viewing visualization reports via mobile phone or tablet, able to drill down the data, and modify the format of the report itself.

15. Option Packing Management

Product packing, especially product packing for export Arranging products to be correct according to the nature of various packaging. There are also several packaging steps. and saving space (insert as much as possible)

15. **Option for the preparation of the Robotic Process Automation (RPA) process**.

Evaluated from the source email (customer) sent. to reduce the inspection process and distinguish e-mail with attachments that are ordered from customers and notify the relevant authorities

16. Option Optical Character Recognition is evaluated from the form of orders sent by the customer. To reduce the process of recording orders from customers By using artificial intelligence to verify messages from customer orders. And create a customer order in the Q.Soft system automatically

The advantage of this Q.Soft SCM and options.

1. You can create a quotation by utilizing a production cost formula to calculate the manufacturing cost and adding a margin to determine the selling price.

plan in many conditions.

2. There is a menu option to record Sale Forecast or import it from *.xls file format.
3. There is a menu option to record purchase orders, which can be referenced from

a quotation or imported from *.xls files.

4. Extract the email to save the purchase order in the designated folder and automatically convert the purchase order into Q.Soft's order data format.

5. There is a menu option for recording production plan data for inventory management (Common).

6. You can plan using the Advanced Scheduling feature.

7. Able to plan production both step by step (Separate planning – Job Shop) or planning the production of the whole product line or mix and match styles. Whether the productions are assembly lines, flow manufacturing, or discrete manufacturing. Whether it is an assembly production line or flow production, or discontinuous production Software can help with planning or even if the formula looks like an explosion. like a sawmill or planning to separate parts like a meat slaughterhouse.

8. Can insert urgent tasks Change the planned production plan. or even map out production orders already with a format for insertion or change a variety of jobs Depending on the license to use the program that has been established.

9. You can plan ahead by loading the Sale Forecast to schedule procurement for an extended period, and then confirm it back to the customers.

10. You can plan production collectively by loading Sale Orders from multiple customers, and then confirming it back to the customers.

11. You can plan production collectively by loading multiple documents, including Sale Orders and production plans for inventory management, to schedule production together.

12. There is a Gantt Chart that can edit the production plan at all and make it possible to view the work schedule. An easy overview and easy-to-modify plans.

13. Management can know the cost before production (depending on the license) and know the real cost after production making it easy to decide on production management and convenient to help in the preparation of cost accounting

14. Support for production planning in Re-Process, Re-Work, Re-Pack and Accurately calculating the cost of products in that particular case

15. Support for conducting Research and Development (R&D) formulas separately to avoid affecting actual operational formulas

16. Support QC Process and issue Certificate such as (Certificate of Analyst or Non Conformance Report)

17. Support separates the work center production planning, even if the production depends on the manpower. (There is a change in manpower all the time)

18. Reduce redundancy increase the speed all of work purchasing warehousing, production planning and delivery and make it easy to find or track information along with the data for further processing.

19. Can be used in warehouse management to the right amount and reduce storage costs while knowing the movement of raw materials, semi-finished products Finished goods in the warehouse

20. Able to check product costs in FIFO, Average and Lot Specific formats.

21. Increase the accuracy of the data and reduce errors in the work of employees by working through barcode scanning without having to use the keyboard to record data (depending on how to use design).

22. It is a tool to support information for production planning, purchasing, and warehousing units to meet organizational policies.

23. Able to set permissions to use freely in every menu.

24. You can create your own work forms by extracting information from the structure of the system to use immediately.

25. Able to export data to MS Office files (.doc, .docx, .xls, .xlsx, .vsd, .mpp, .mppx, accdb, .rtf, .txt, .pdf, .xml) (depending on each report or menu)

26. You can check the activities of each user to see what they have done, on which days, and at what times

27. Support for Multi Company, Multi Branch, Multi Factory

28. Able to set unlimited multi-level bill of material. 1 product working at the same time unlimited BOM, calculations with resolution up to 12 decimal places, and revision BOM history can be stored.

29. A variety of resource utilization plans can be managed to simulate the production route that best suits the situation, such as on-time production, production by monitoring product costs, production by lowering inventory.

30. Support Thai – English Languages

31. Supports multi-currency functionality.

32. Master Plan Scheduling Report

33. Master Productivity Report

34. Overall Equipment Effectiveness Report

35. Have an inventory management system(Receiving goods from purchase-returning raw materials to suppliers - withdrawing raw materials to produce - receiving goods from production - returning raw materials from production - transferring goods between warehouses- delivering products to customers - receiving returns from customers)

36. Program can track product history from backward traceability and forward traceability.

37. Support for product management in Sub Lot และ Serial No.

38. The program makes it possible to know the cost of products before production.

39. Can allocate DL and OH for production actual cost.

40. Can record scrap and waste quantity. Analyst cause of defection.

41. Able to view the summary of product inspection analysis results (QC)

42. Supports packaging of finished goods according to customer specifications or according to its own packaging standards.

43. Ability to define packaging formulas (Boxes-Crates-Cases-Pallets) including weight limitations for each packaging unit.

44. Used to show the production situation for customers who frequently change product specifications to know the production process progress for understanding between manufacturers and customers.

45. Know the gross profit from the sale of each product.

46. Can reserve products for sale and production that can be separated on hand Stock, and available stock in every product.

47. Able to summarize the total order amount for each customer.

48. There is a report comparing forecasts and actual sales of each customer, both compared with the price or compared with quantity.

49. Receive alerts when the inventory quantity reaches the Re-Order Point and Safety Stock level.

50. Supports management of storage space for products, including locations and shelves.

51. Supports management and tracking of company-owned pallets as assets.

52. Multi-shift support, OT opening to increase production capacity

53. Preventive maintenance is scheduled in advance on the specified date. (Fixed Date)

54. Set maintenance periods according to the specified number of days. (Period Scheduling)

55. Able to schedule downtime for resources, e.g., Machines, molds, and equipment to link to the calculation of the production unit's work schedule. in the production planning system.

56. Able to open repair orders, close jobs, and cancel jobs as appropriate

57. Supports outsourcing of maintenance and repair tasks.

58. Keep machines' maintenance history.

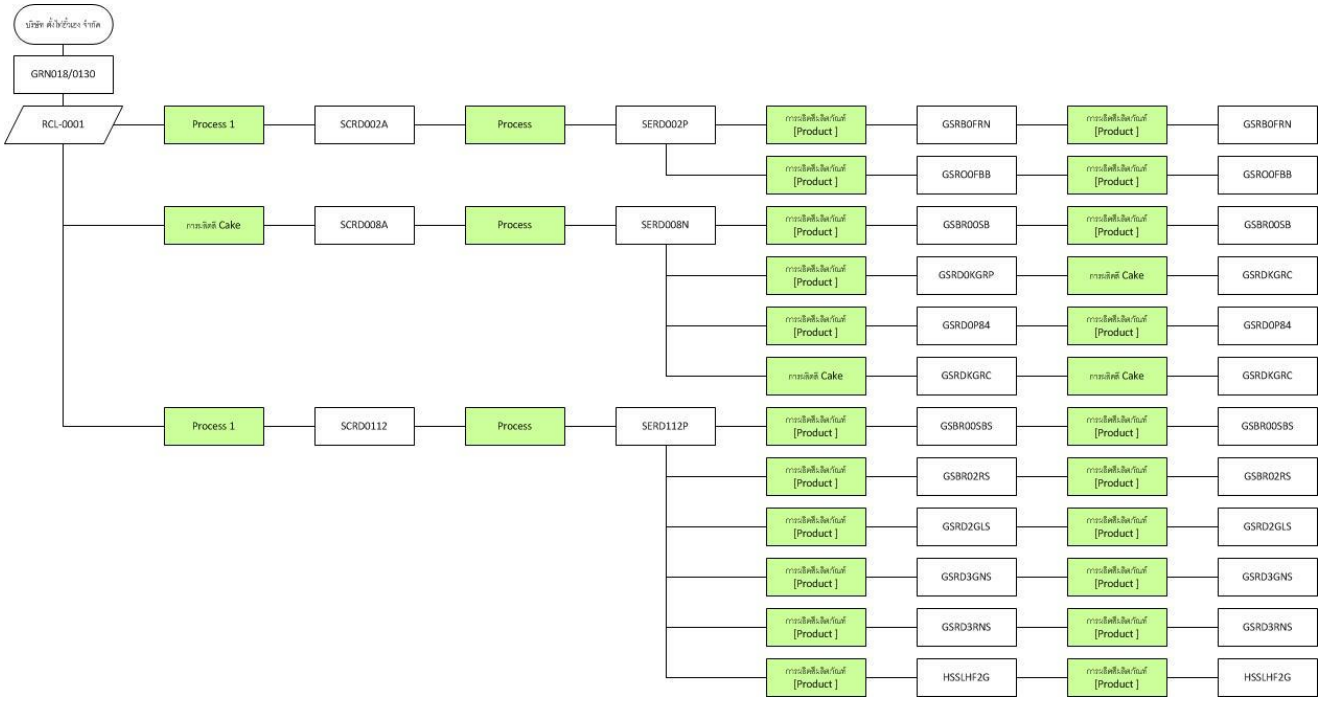
59. Support for emergency repair notification.

60. Collect detailed performance data to use as a knowledge base for the next maintenance.

61. Summary of maintenance costs, separated by repair orders.

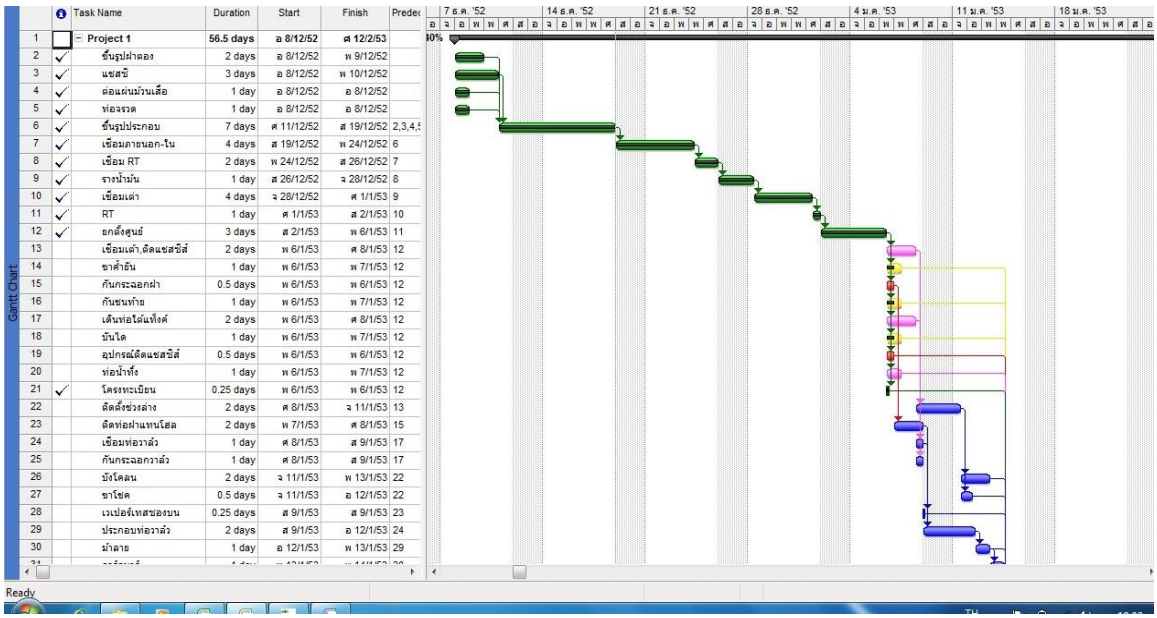
62. Dashboard reporting system (Power BI) for convenient and efficient data analysis.

รายงาน Lot traceability



***** รับ **Customize** โปรแกรมทั้งในส่วนของ **Input** และรายงาน

- ตัวอย่างรายงานในโปรแกรม



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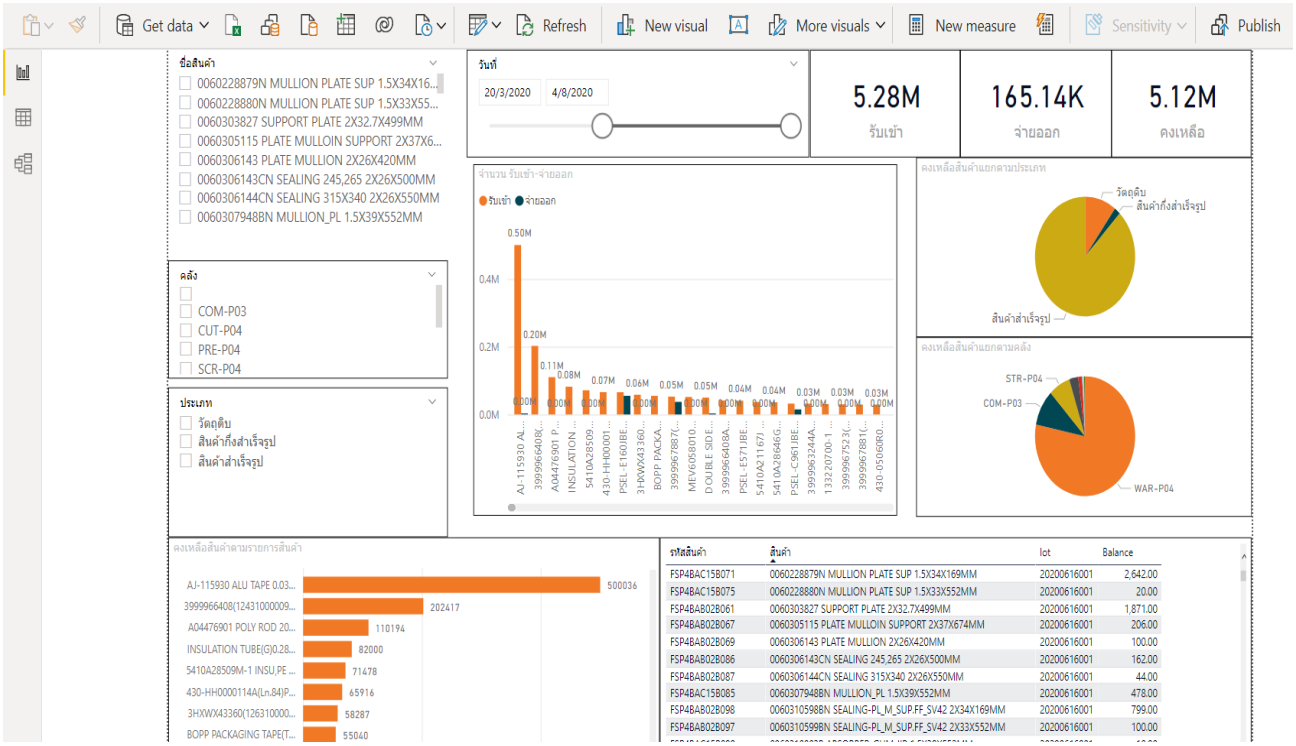
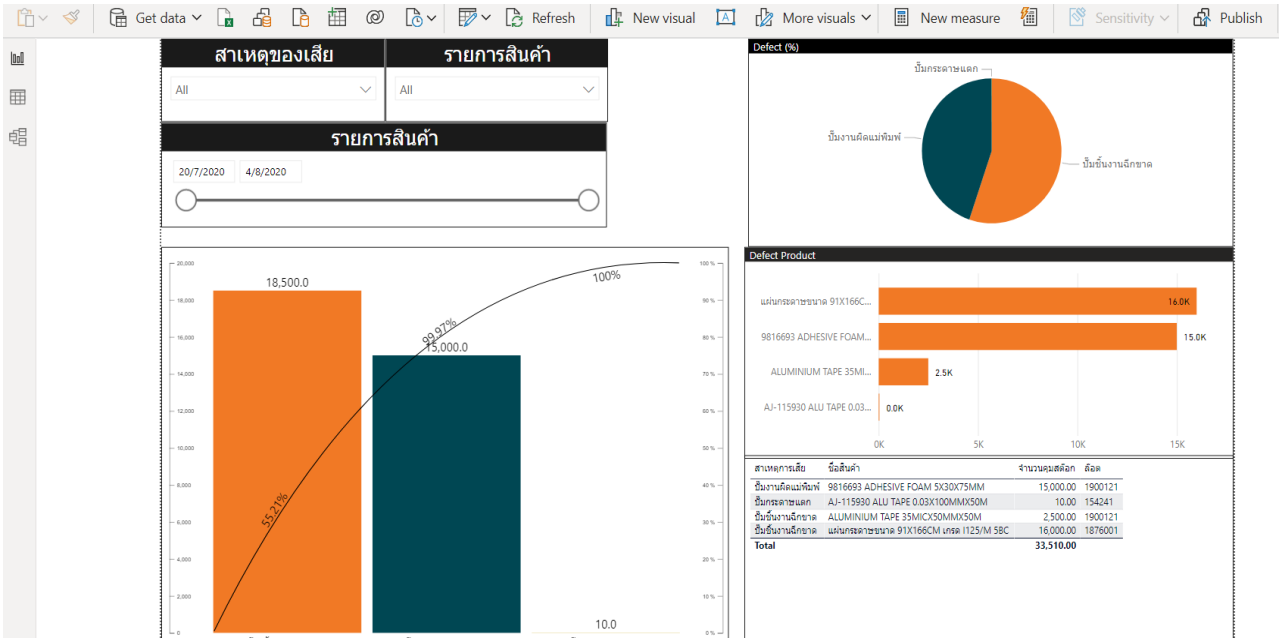
Dashboard Reports Sample.





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