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Order Management



Real-World Applications

ERP Integration:

Integrate with ERP systems to ensure accurate maintenance of build sequences and streamline order callbacks, enhancing operational efficiency and reducing errors.

Material Stock Level Management:

Automate stock re-order based on level and lead time.

Material Containment:

Manage risk by controlling obsolete or faulty stock.

Paperless Kitting Screens:

Electronic delivery of picking and kitting instructions.

BOM Stock Check:

Prevent "false starts" by confirming material stock levels before manufacturing begins.

Automate:

Drive order information to automation systems to deliver required operational and part information.

Order Processing and Management Module

The Order Management Module plays a vital role in manufacturing operations as it allows manufacturers to efficiently monitor order details, organize production sequences, and seamlessly integrate with their ERP systems. By providing real-time information on the status of orders, manufacturers can improve their production planning, resource allocation, and delivery times. One of the key advantages of Order Management is the ability to optimize stock levels, ensuring that the right parts are available when they are needed, without excessive inventory levels that can tie up working capital. Barcode or RFID technology can be used to track parts in the warehouse, enabling workers to quickly locate the required parts before starting the build process.



Sequenced part kitting operations can also be used to improve assembly operations, reducing errors and improving productivity. By removing the burden of correct part selection from the production line, workers can focus on the task at hand, resulting in faster assembly operations and higher quality products.



The DSI Advantage

Our Order Management Module leverages advanced automation capabilities to streamline the management of materials and work-in-progress (WIP) within the production facility. This not only ensures greater accuracy in order management but also optimizes operational efficiency, freeing up valuable resources that can be allocated to other critical tasks. All repetitive tasks have the tendency to create "self-steering" behavior patterns which can lead to inaccuracy in picking operations. Many manufacturing centers feature vast production "supermarkets," where clever sequencing of pick and place operations can significantly reduce the time needed to kit orders. By adopting our Order Management solution, you can minimize errors, reduce waste, and increase productivity across your entire production facility.

DSI DELIVERS

- ◆ Seamless integration with other business systems.
- ◆ Increased worker productivity.
- ◆ Higher quality and reduced rework.
- ◆ Higher worker satisfaction.
- ◆ Reduced part damage due to excess handling.