

System21 Pallets; Racking and Block Stack — Case Study



Customer Profile:-

A converter of paper products, distributed to a large number of UK customers, via 3rd party transport companies ; parcel carriers; or "own" transport.

They have production and distribution sites using System21 as their ERP system.

Customer Objectives:-

- Improve stock accuracy—two systems down to one.
- Reduce dual input.
- IT—use System21 in a more integrated manner.
- Improve service levels.
- Improve current processes and procedures.
- Replace unsupported RF hardware.
- Use Block stack and pallet locations.
- "Real time" stock instead of "Batch".
- No modifications to System21.

Customer Comments:-

"I.T. Impact has fulfilled a pivotal role in the successful delivery of our WMS, exceeding our expectations at every stage. A flexible and balanced approach, coupled with a willingness to focus on the key issues, ensured that we achieved our objectives.

I.T. Impact has provided quality consultancy, project management and support throughout the project. Their services form an integral part of our future IT strategy."

I.T. Manager

"This is the smoothest system implementation I have ever done! No interruption to the business, and after only a week all warehouse staff were proficient on the new system—3 weeks ahead of my expectation."

Warehouse & Logistics Manager

Additional Benefits:-

Cost 1/3rd of some of their competitors quotes.

Delivered more functionality.

- Order Control Panel.
- Consolidation and management by Load.
- Delivery visibility to Customer Services.

80% reduction in warehouse generated credit notes.

Stock is now found in the correct locations—reducing time to pick.

Generated future projects/improvements.

- production labelling/entry.
- raw material labelling/control.

Management—view of picking progress—locally and remote.

Increased visibility—no more calls from Customer Services checking when shipments being made.

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Goods In Labelling



Stock put-away

Stock in location

The Solution:-

Our Customer has installed our Location System, and Order Control panel. This allows location control and management, with a "flexible approach". It is designed, to allow "put-away" into any location that will fit the goods. Each inbound pallet has a label which holds the Item code; Rotation Date; and Unique Reference (all RF readable). All put-away; replenishment; and picking activities are performed on HHTs (Hand held terminals). Whilst control and management are performed using traditional screens.

Picking is done via pick locations, unless full pallet quantities are ordered, in this case, the system suggests to the picker to pick the oldest pallet from a bulk location. Control, is via a warehouse map (with configuration details), this holds item barcode (EAN and UPC), and item/stockroom specific data. The programs and data work seamlessly with System21 Inventory, and do not increase on-going bespoke maintenance.

There is a specific business issue with Manufacturing stock just in time, and therefore allocation and picking takes place at the last possible moment. This has been resolved by developing an Order Control panel. The "panel" receives all orders by Transport Region and Despatch Method (transport; "own" or parcels); it then allows pre-planning, where an order has its suggested no. of pallets, promise date, and transport region—confirmed. Planning is performed by promise date, and load number. Once each load is planned, the following actions are performed:- Trial allocation; Live allocation; Picking notes; Load sheet; and Load completion.

Confirm Despatch is then completed against the picked quantities.



Pallet Label



Picking



Pick face Replenish