Supply Chain Warehousing and Dispatching System

Client Background and Business Requirements: :

The client is one of the biggest printing service providers in the world. With an increasing number of automate warehousing equipment as well as a large number of warehouses, it has become quite urgent to improve the storage management level. Thereupon, it mandated Beyondsoft to rebuild a two-dimensional visualized warehouse management system by using advanced information technology.

- The first phase focused on the implementation of visualized storage management. It realized reasonable allocation of transport equipment and warehouse operations. By the system, it could perform automatic cargo reservation, automatic dispatching as well as quick selection of goods.
- The project is now in the second phase. It would bring state-of-the-art technology such as the internet of things, networking and mobile internet into all aspects of material management, so as to extend the management coverage from production planning, production capacity to warehousing logistics, management and production circulation.

Beyondsoft Solution :

- Beyondsoft will provide a full set of solutions to the client, from requirements analysis phase to the final product publishing.
- The first phase has implemented visualized storage management, which ensures the transport equipment could be allocated properly. It has also realized the function of automatic cargo reservation, dispatching and selection.
- Resources management: data management against warehouse, cargos, utensils, items, etc.
- Warehousing process management: warehousing plan management, shipment plan management, goods rollover, goods shifting, inventory adjustment, cargo status modification, etc.
- Graphical warehousing: to unify the query management and graphical operations to the

warehouse.

- System administration: user management, log management, role management, system parameter setting, business processor management, color setting and data management.
- Interface management: data query interface, data update interface, AD interface, plan interface and AD synchronization service.

Client Benefits:

- Upon the successful publishing of the warehousing system, we have received positive feedbacks from the client.
- The system has helped the client:
- ✓ save time in searching for goods by 50%-90%;
- ✓ save warehousing space by 25%-60%;
- ✓ save transport expenses by 5%-25%;
- ✓ decrease default/delay cases by 1%-10%;
- ✓ decrease staff OTs by 20%-50%;
- ✓ decrease loss cases by 5%-20%;
- ✓ decrease forklift time by 50%.

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