

PickPro™ WCS

Warehouse Control System v8

Pick 2 Light Module

The PickPro™ WCS Pick 2 Light (P2L) module incorporates Dynamic Zoning capabilities that allow a system supervisor to balance the work load by operator on the fly. The system uses history to calculate how many bays of racking an operator should be assigned based on the number of picks in a wave and the picker's average productivity.



Each carton flow bay has a master display which can display information to the operator such as tote number, location, or item number, other information can be displayed based on the customers specific requirements.



Pick 2 Light Bay



Within a bay each lane or item position has a display to direct the operator to the position and prompts the operator for the quantity for that order. When the operator completes the pick they push the remote task complete button to confirm the pick complete.

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The PickPro™ WCS software system allows the users to redefine the zones based on orders in the system “Dynamic Zoning”, by allowing the user to evaluate the workload and change the size of the zone based on the number of picks in the system. The system also displays the average picks per hour by operator. This information is available by the day, week, or year, so a supervisor can compare peak or slow periods from past data. This allows the supervisor to make a logical decision on how big the zone should be.

The PickPro™ WCS software system also makes recommendations based on data. The supervisor can accept or change recommendations based on individual workers, hours of operation, or any other factor that may affect the daily performance.

The “Dynamic Zoning” allows the integrator to design a system to meet the peak volumes of the customer order flow. When the peak time/season is in process the customer has the ability to configure the carton flow, shelving, or racking system. Evaluate the workload and change the number of work zones configured in the system. This configuration change is allowed on the fly, giving the user the ability to reconfigure the zone sizes from batch to batch/wave to wave, for receiving, or cycle counting.

Integrating RF technology into our P2L system allows an operator to group orders together to form a batch, and then with one pass through the work zone, all items required for the orders are picked. This feature increases the productivity of an operator and the efficiency of the system.

Celution Software’s “Dynamic Zoning” provides for improvement in throughput performance, flexibility, and ergonomics over traditional carton flow systems.