



LAMAR SOFTWARE, INC.
SPECIALISTS IN MANUFACTURING AND DISTRIBUTION

Multi Warehouse / Distributor Inventory Balancing

In an environment that requires inventory redistribution, it is often true that the relationship between the various entities or warehouse is not one that will always permit distribution of inventory between the various warehouses. Although the system default condition will permit full distribution between inventories, the system also permits the user to explicitly specify which inventories are available (or not available) to other entities / warehouses. In addition, the intransit time and transfer incremental costs between the entities / warehouses can be defined.

In order to protect a warehouse's inventory from the demands of other warehouses or entities, either a cutoff value or cutoff percentage can be defined to protect some segment of a warehouse inventory. This protection is used for all items in the warehouse but in addition to this protection, the demand algorithms will never let redistribution requisitions drive an inventory item below its safety stock level.

As multiple warehouses may be attempting to draw on a specific warehouse, a priority may be established to determine the order in which the demanding warehouses can draw excess inventory.

An inventory redistribution plan will be created during a DRP compile and will be implemented by auto loading requisitions that are planned as part of the DRP compile. Processing the planned requisitions will then create a multi warehouse balanced environment based on the user's specifications.