



**LAMAR SOFTWARE, INC.**  
**SPECIALISTS IN MANUFACTURING AND DISTRIBUTION**

### **Time Fence Analysis**

The system will calculate two types of time fences for manufactured items:

1. A manufacturing time fence that includes the total throughput time for all bill of material levels of a manufactured item will be calculated.
2. A full time fence that includes the time based on #1 above, plus the lead time of the longest purchased item will also be calculated. The number specified in this time fence is the total time required to purchase all of the item's material and to manufacture the item being analyzed.

The time fence entries will be (optionally) calculated as a part of the cost rollup and will be written into the part number record, although the user has the option of editing the final entries.

The time fence entries will be used to calculate schedule dates in the sales order entry process. If all of the other scheduling processes fail to find sufficient inventory to cover a sales order requirement, the full time fence will be used to determine the scheduled ship date.

The time fence for purchased items will also be maintained but this time fence is merely the purchasing lead time plus the item's order processing days.