

Successful Integration with Oracle

Tier One EMS Corporation successful

Company Overview:

This tier one EMS Corporation is a leading electronics contract manufacturer serving the fastest-growing segments of the global Electronics Manufacturing Services (EMS) market. Recognized as a technology leader, they provide end-to-end manufacturing solutions, delivering unsurpassed quality and support to OEMs primarily in the communications, defense and aerospace, industrial and medical instrumentation, multimedia and consumer, computer and server, and automotive technology sectors. The corporation has facilities strategically located in key regions throughout the world.

Business Challenge:

While maintaining the highest levels of productivity, their operations team needed to improve inventory control and accuracy. The challenge was to integrate a Warehouse Management, Inventory Control and Receiving Application System to the host Oracle Applications ERP suite that could also provide dock-to-dock capabilities from receipt to shipping.

Objective:

Integrate a single WMS to support EMS across the corporation utilizing wireless and barcode technology to enhance the receipt, put-away, pick and ship processes.

Solution:

WaveTrakWMS was chosen as the WMS solution for a corporate solution. WaveTrak was chosen as the corporate WMS solution for several reasons, the original being faster response for receiving and producing receipt travelers. Since the implementation of the pilot system, the customer has deployed WaveTrakWMS in Nine other facilities, supporting multiple organizations within several facilities. WaveTrakWMS provided their operations with the versatility of adapting functionality to site requirements while maintaining standard interfaces to the host system, Oracle. WaveTrakWMS is a cost effective solution to the warehousing, material movement and inventory control requirements.

Results:

The implementation and deployment of WaveTrakWMS has reduced receiving time from days to hours. Implementing the WaveTrakWMS "Wave Picking" methodology also reduced Kit release lead times to production. Receipts improved from an average of 491 per week to an average of 2,258 per week. Kitted lines increased from approximately 1200 lines per week to over 3,000 lines. Warehouse staff reductions were also realized while increasing material transactions and inventory accuracy. Staff reductions average 25% to 30% resulting in a direct decrease to plant overhead.