



3RD DIMENSION SYSTEMS, INC.

Shop Floor Control Under Construction – PLEASE check back later

ADDITIONAL 3RD DIMENSION SYSTEMS, INC. PRODUCTS

Manufacturing Production Management Suite – full MRPII suite

1. **Bills of Manufacturing** – module to create and manage Bills including assemblies, sub assemblies, materials, work centers, external process and by products. Multi-level bills costed in FIFO, LIFO, AVERAGE and Standard cost. Allows for work order back flush at standard usage, full General Ledger and Inventory accountability and Standard Cost maintenance. Engineering Change Orders tracking included. Requires Opens Systems Accounting Inventory module.
2. **Work Order Processing** – module to create and manage shop floor work flow, integrating with MPM: Bill of Manufacturing (required) for creating all paper flow through the shop floor. Allows for actual material, labor and overhead application to specific jobs. Full accounting interface to OSAS General Ledger, tracking each shop floor transaction automatically. Variance reporting on material, labor and overhead variances. Allows for nine different methods of overhead capture. Further integrates with OSAS Sales Order for tracking work orders to sales orders, Payroll for time capture from the shop floor and CRM for integration with Project Management.
3. **Forecast/MRP** – module to perform “what ifs” based upon either projected sales or purchase by sku. MRP interfaces with OSAS Sales Order, Purchase Order , Inventory and MPM Work Order Processing (required) to provide plant and purchasing management and personnel all needs and availability for products either manufactured or purchased. Forecasts can be combined with actual for companies that build to master schedules. Shortages can automatically generate work orders to the shop floor for manufactured assemblies or generate purchase requisitions for purchased materials.
4. **Shop Floor Control** – module to manage personnel on the shop floor, calculating the manpower requirements based on work orders created in the Work Order Processing module. Fully functional software time clock that integrates with OSAS Payroll. Time clock is functional for both hourly and salaried personnel. Bar coding capability is included.

Inventory Requirements Planning – module to perform “what ifs” based upon either projected sales or purchase by SKU. IRP interfaces with OSAS Sales Order, Purchase Order and Inventory to provide purchasing management and personnel all needs and availability for products either sold and purchased. Forecasts can be combined with actual transactions.



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Shortages can automatically generate purchase requisitions for in OSAS Purchase Order.