

Nysus MES MRP/ERP System Integration



MRP/ERP Systems Integrated To

QAD (via SigValet, DataDirect ODBC, and QXtend)

Trans4M (by Infor) (via XTC, UniData ODBC)

SAP (via Flat-File service)

FrontAccounting (via PHP method mapping)

MACOLA (via PULSE eCommerce)

Typical Integration Methods

Flat-file Transfer: the use of formatted text documents placed in “watch-dog” directories for communication to and from the MRP/ERP system.

XML Web Services API: a dedicated service provided by the MRP/ERP system to listen for transaction requests, and response to those requests in a pre-defined XML format.

Typical Transactions

- **To MRP/ERP:** Inventory moves
- **To MRP/ERP:** Incoming product receipts
- **To MRP/ERP:** Shipping/ASN generation
- **To MRP/ERP:** Scrap
- **To MRP/ERP:** Backflush (component consumption)
- **To MRP/ERP:** Finished container
- **From MRP/ERP:** BOM/Part listing
- **From MRP/ERP:** Releases/schedules

The Benefits

- Eliminates errors of manually entering transactions
- Eliminates dual setup of part information
- Real-time posting and visibility of shop-floor transactions
- Ability to populate tactical schedule in MES based on planning schedule within MRP
- Incorporate advanced features of defect tracking to scrap process