SyteLine®

Multi-Site, Multi-Entity, Multi-Warehouse Functionality

Businesses with multiple manufacturing "Sites", distribution "Warehouses", or company "Entities" that serve common customers, transfer inventory between sites, or need integration of operational information can operate more efficiently with SyteLine. Most ERP applications treat multiple sites and entities as non-integrated databases requiring separate logins to access data and offering only basic financial consolidation. This approach is only adequate for single entity businesses with local warehouses or multi-entity companies with no inter-company transactions or cross-site visibility requirements. Multiple sites with inter-company transactions and information sharing requirements can be managed more efficiently with the SyteLine's Multi-site functions.

SyteLine allows for **selectable levels of integration** between sites and supports:
- ✓ Selectable global control of data (items, customers, vendors, BOM's, etc)
- ✓ Inventory transfers with transfer pricing and automatic inter-co transactions
- ✓ Centralized or decentralized order entry and customer service
- ✓ Integrated material planning with inventory sourcing\allocation to specific sites
- ✓ Visibility of inventory, orders, production and other data across all sites with a single login and granular control over access to data in each site
- ✓ Inter-company accounting with due-to\due-from tracking allowing centralized or decentralized AR and AP with inter-company accounting and balancing
- ✓ Financial consolidation with multi-currencies and elimination of inter-company transactions with drill-down to each entity's transactions and source documents

SyteLine's Multi-Site functionality supports **autonomous sites or centralized control**:
- The "Autonomous but Integrated" approach allows separate sites to have their own site database that is synchronized with the other sites via the Internet. The sites do NOT need a full time or fast connection to each other as the "shared data" is synchronized in a queued fashion, achieving near real time integration. This allows for greatly reduced cost in network connectivity.
- The "centralized" approach allows all data and programs to be managed on centralized servers with remote access using a Web browser, Citrix, or Windows Terminal Services. The same selectable integration between sites is supported.

SyteLine's Multi-Site functionality helps efficiently manage a multi-site manufacturing, distribution, and service business with the following features:

- **Inter-Site\Entity and Warehouse Transfers** - SyteLine provides functionality for any location to enter a Transfer Order, which simultaneously creates a shipping order (like a sales order) at one location and a receiving order (like a purchase order) at another location. Inter-site and inter-warehouse transfers support **one-step** and **two-step** transfer methods.

  - **One-step** transfers are typically used between locations in close proximity or within the same entity. They "move" inventory between locations with a single

transaction and provide inter-company accounting, move the items at cost, but do not track an in-transit status or mark up the cost of the transferred items.

- **Two-step** transfers are typically used when the shipping transaction and the receiving transaction will take place at different times, or the shipping site wants to book a profit on the "sale". These transfers use the Transfer Order for planning and tracking purposes, creating demand at the shipping location and pending supply at the receiving location, allowing for better inter-site inventory planning and support of multi-site material planning. These transfers allow:
    - Cross-referencing to Work Orders, Purchase Orders, and Customer Orders to show source of demand or supply
    - Ability for the "From" site to use pricing formulas and record a profit on the transfer… tracks original cost and inter-company profit in the cost of the transferred item in inventory and GL
    - In-transit status and reconciliation of shipped quantities to received quantities
    - Landed Cost (absorbing freight, duty, brokerage costs into inventory)
    - Shipping paperwork, and Pro-Forma Invoices
    - Multi-Currency support

    Even though a multi-site company can get by without multi-site transfer functions (by treating each site as customer or vendor to the other sites) the processing and reconciling of transactions can be very cumbersome. Without Multi-site\Multi-entity transfers most ERP systems require the process of entering a Purchase Order + Sales Order + AP Invoice + AR Invoice + AP check generation + AR payment application + reconciliation of inter-company balances + elimination of inter-company transactions and profit in inventory. SyteLine efficiently automates this process by creating matching transfer order in both entities and automating all the accounting.

    This functionality greatly facilitates multiple sites working together to fill a customer order. For example: Site #1 takes a customer order that will be shipped, or even partly made, out of Site #1 and includes items that will be provided by Site #2. SyteLine creates a multi-site transfer order in Site #2 that is linked to the customer order or a work order in Site #1 (can also be linked to a work order in Site #2). Then Site #2's item(s) are simply transferred from Site #2 to Site #1 using the transfer pricing and costing rules you have specified. All the accounting for due-to\due-from and inter-company transactions is automatically handled and there is no need for sales orders, purchase orders, invoices, payments and inter-company reconciliations.

- **Centralized and Decentralized Order Entry** - Any site can originate a multi-site customer order specifying by line item which site will ship to the customer, which in turn creates sales orders in the appropriate sites. If the specified shipping site is not the site that warehouses or manufactures the item, SyteLine creates a Transfer Order (see above) to pass the demand to the appropriate site. Otherwise, the customer order demand is simply passed to the site that will ship the item. Multi-site credit checking, and inventory availability visibility is provided for all sites. Multi-Site order entry allows a centralized order that spans across sites and transactions are linked back to the originating site's order. In decentralized environments, sites can enter their own orders and all sites have visibility of other sites orders and status.

- **Multi-Site Materials Requirement Planning (MRP)** - SyteLine supports site-based, linked Advanced MRP or Advanced Planning & Scheduling (APS). Each site runs MRP (or APS) independently and SyteLine creates planned Transfer Orders for the items that can be sourced from other sites. These planned orders can be reviewed and "firmed" into actual Transfer Orders creating the receiving order at one site and the shipping order at another. SyteLine MRP links sites and warehouses together to give complete visibility into cross-site materials requirements and availability. In addition, SyteLine provides simple mechanisms to transfer material to where it is most needed. Sites can select whether item masters will be shared by the entities or each maintains it's own. Copy utilities are also provided allowing bills-of-material and item masters to be copied between sites. Capabilities, such as time-phased availability, full-visibility MRP, and inter-site transfers, help keep inventory low while ensuring that inventory is available in the right locations.

- **Multi-Entity Accounting** – SyteLine's Multi-Entity Accounting automates inter-company financial transactions and reconciliations for inter-company sales and allows for centralized or decentralized accounts payable and accounts receivable. SyteLine allows specifying specific accounts that automatically capture Inter-company Sales, Cost of Sales, Profit, Due-to, and Due-from and allows elimination of these and the inter-company profit in inventory when financials are consolidated. Sites can select whether to share Customer masters and Vendor masters or each site can maintain it's own. Additionally, any company can pay AP invoices of any other company and SyteLine automatically creates the due-to and due-from transactions. Likewise, any company can post AR payments for invoices that were generated by any other company and SyteLine automatically creates the due-to and due-from transactions. This allows matched Due-to and due-from balances which are eliminated in consolidation.

- **Financial Consolidation and Reporting** – Each entity can have its own chart of accounts and currency and SyteLine consolidates the financials. A hierarchy of financial entities and operating sites can be easily consolidated for timely reporting and on-line queries. Additionally, SyteLine allows you to create user defined Multi-Site Groupings and run General Ledger reports and financial consolidations for these groupings regardless of the hierarchical legal or financial structure of the entities. These financial reports allow Drill-down inquiries from the consolidated reports to the individual company balances, to the general ledger transactions, and even to the source journals and documents. The multi-database structure of SyteLine allows for newly acquired companies to be quickly integrated into the group, or for individual sites or entities to be sold and the financials spun off.

- **Data Visibility and Security** – SyteLine provides users visibility of inventory, production, order status, credit, etc. across all sites (depending upon their authorizations) without the user needing to login to other sites. SyteLine also allows users to easily navigate between sites with a single login and user license. Users can access and process information for any site provided they have the proper authorizations.