

PETROCHEM TERMINAL MANAGEMENT SYSTEMS for SAGE X3

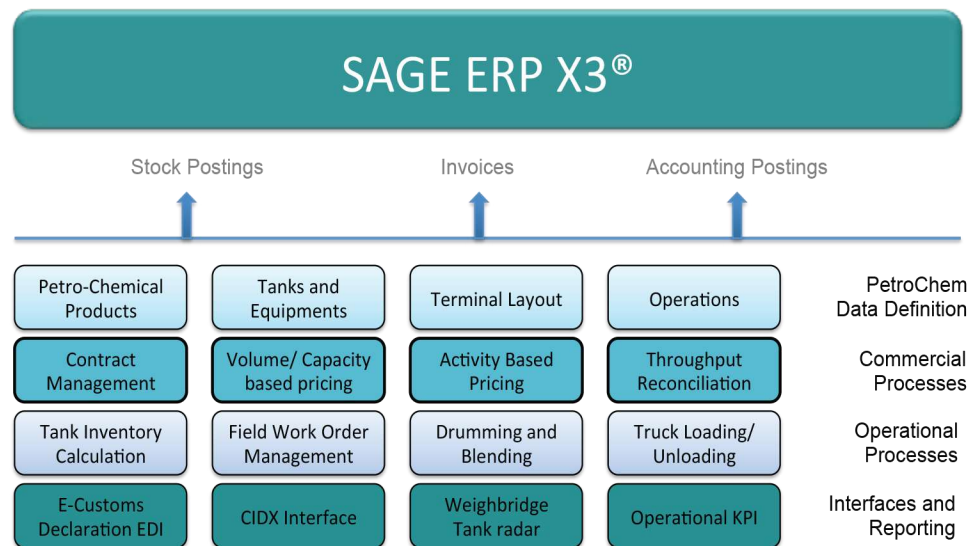


Key Benefits

- Seamless integration into Sage X3 enabling realtime posting of TMS operations into ERP.
- Extensive coverage of all field operations such as tank operations, truck loading and unloading, railcars, vessel, pipeline operations, drumming and blending.
- Tank inventory calculation using official American Petroleum Institute® (API) tables for petroleum, chemical products.
- Contract management that allows price setup by product, group of tanks, global volume and capacity.... and more.
- Commingled Stocks.
- Bonded Tanks and Warehouse management
- Interfaced with field instruments such as weighbridge, tank radar, pumps or SCADA automation systems.
- Ready made interface to european CUSTOMS (NCTS) and USA (Extars).
- KPI Reports (Top 10 customers - Products - Activity).
- ... more

PetroChem Terminal Management System (TMS)

Developed as a vertical and fully embedded into Sage X3, the Terminal Management System module offers the combined features of a world class ERP along with the specific business processes of Petrochemical Terminating and Logistics.



Managing inventory and logistics for Petro-Chem industries is not simple business. The bulk stock inventory is unique : products are bought and sold in variety of units and measurements. Controlling the storage, measurement and transactions of bulk inventory is a very complex supply chain issue. TMS is designed to effectively manage high volume bulk inventory transactions, across all operational and commercial processes such as storage, heating, blending and drumming.



Key Features

Common Data

- Chemical Products
- Drum Products
- Service Products
- Tanks Farm
- Product Lot (Batch)
- Drum Types
- Line Management

Logistics Data

- Drivers
- Trucks / Cisterns / Railcars
- Ships / Barges
- Ship History
- Address Management
- Loading Stations

Operational Data

- Allowed Product
- Risk & Safety Sentences
- ADR data
- Mandatory Operations (per customer / activity)
- Weighbridge
- Timesheet

Tank Calculation Data

- Strapping Tables
- Tank Calculations formulas (API tables, Bitumes, VCF based...)
- Floating Roof data
- Spec Density
- Tank Height Ranges
- Steel expansion
- Tank interpolation

Commercial / Invoicing Data

- Contract Management
- Customer related (addresses, contacts)
- Invoicing grouping (per type of activity)
- Contract Hardware Park
- Contract Pricing
- Product Tax Rules
- Customer Tax rules
- Invoicing Targets
- Recurring contract invoicing
- Specific Pricing structures (contract, tank, operations)

TMS Operations Management

- Intervention Management
- Operations Planning and Planned Stock
- Operations Status Management
- Operations validations & Control (product/tank association, inventory level checks, safety controls...)
- Work Order Management
- Product lot association (for drum/warehousing)
- Drumming
- Blending
- Samples Management

Invoicing Process (Sales)

- Contract based activities (Tank rental, forfait invoicing, warehousing...)
- Pre-Invoicing (simulations) based on actual invoice data
- Heating
- Nitrogen
- Throughput
- Railcar storage and related operations
- Insurance

Tank Calculation

- Tank Calculation through 'Tank Inventory Calculator' (to simulate and determine transferred quantities or tank level status after a movement)
- Connection Management associated to tank calculations
- Product/customer VCF parameterization
- Pumping data/quantity evaluation for marine movements

Interfaces

- CIDX / ELEMICA
- Weighbridge connections
- Customs (for alcohol)
- Label printing (for samples)
- Process Controls (For BITUMEN / FUEL automated loading stations)

Key Reports & Inquiries

- Contract Listings/tanks tariffs/hardware park
- Pre-Invoice reports
- Sales reports (Invoices, Invoice summary, sales per type, products, activity...)
- Traffic related reports (Traffic Analysis per contract, customer, product, period, statistic groups...)
- Inventory reports (tank history, tank calculation, pumping reports...)
- Operational reports (work orders, BoL, Receipts, weighbridge tickets, tank status, ship visit details, DMR...)
- Safety reports (emergency tank list, emergency warehouse reports)
- Statistics (top 10 traffic, top 10 sales, top 10 occupancies, overcapacities...)



About Us

Founded in 2006, Tema Business Systems is a global service provider for Sage X3®, based in India and serving Sage customers and partners around the world.

What distinguishes us from other Sage partners is that our services and solutions are totally dedicated to Sage X3 platform, offering our customers in-depth X3 expertise along with significant cost saving through our offshore-on-site execution and delivery model.

The ultimate benefits to our customers are high-level expertise and commitment on X3 projects at a very affordable cost.

Our Sage X3 practice is one of the largest in X3 ecosystem, with over 45 consultants and years of experience, having the right balance of both technical and functional expertise.

We bring the benefits of a global, international partner with the service quality and reactivity of a local company.



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