

The chemical and pharmaceutical sector in 2020

More grip on the supply chain and the profit margin

Although the chemical and pharmaceutical sector makes innovative products, their business practices are often quite traditional. Efficiency, safety and being able to respond rapidly to the outside world are more important than ever. Automatic inventory management and an efficient control of the warehouse process, supply times and the procurement process are all key. In addition, safety and efficiency can be improved automatically as well. JD Edwards offers one of the few ERP systems that comes with a module for incident reporting and management as standard. JD Edwards puts you in control of your supply chain, placing higher margins within your reach. Speed up your digital transformation through IaaS and PaaS in the Oracle cloud. That way, you will still hold all the cards long after 2020.

Accounts Receivable, Accounts Payable, General Accounting and Fixed Assets

Long-term, pre-sales product development and testing projects require thorough financial monitoring. This module monitors costs, revenues and other financial data.

Procurement and Inventory Management

This module streamlines and increases the efficiency of raw materials, consumables and services procurement. It offers extensive features to allocate and organize batch and lot information for the benefit of track & trace. Moreover, it also takes care of compulsory international identification and reporting for the following chemicals: CAS, UN, GEVI, ADR, CLP and GHS-CLP.

Planning, Manufacturing and Quality

Planning controls the procurement, production and logistics processes of suppliers, factories and the supply chain. Manufacturing module offers discrete, process, lean and repetitive production it schedules and controls the production processes. Lastly, the Manufacturing and Quality modules combined manage test results for the manufactured materials and generate analysis certificates.

Sales Order Management and Transportation

This module ensures that transport costs are handled and charged on to carriers and where necessary to the customer. It also shows the current sales status. Advanced Pricing allows you to implement complex pricing structures. Transportation Management is directly linked to Sales Order Management and helps organize, monitor and carry out all logistics activities. Payable and Billable settle the costs of transportation with transporters or clients.

Capital Asset Management and Health and Safety Incident Management

This module supports the maintenance of machines, factory equipment, warehouses and premises. Preventive and periodic maintenance ensure continuity in case of unforeseen maintenance or calamities. JD Edwards Orchestrator links machines and equipment directly to JD Edwards for rapid and efficient maintenance. This module registers, manages and reports all incidents and workplace accidents in and around the company: who was involved, what caused them, when they took place and how.

JD Edwards

The robust and flexible ERP

Key Differentiators Over Other ERP Packages

- All data resides in a single database, regardless of type of data.
- All financial transactions flow into one general ledger, regardless of activity or source.
- All project costs automatically roll into the general ledger, with rapid calculations for accurate earned value for each project.
- One general ledger is used for advanced cost accounting, fixed assets, labor, and expense management.
- A tier one ERP suite that is economical and comprehensive, focusing on manufacturing and distribution, consumer goods, project-based and asset-intensive industries.
- Supported localizations for core products require no additional installation.
- Options for complete and robust technology stacks and deployment.
- Complete SOA with extensive content and services.
- Independence between tools and application layers enables upgrade to tools prior to applications upgrade, allowing uptake of new technologies.
- Tools allow simultaneous proliferation of changes to application security, usability, and performance across all products.
- Built-in lifecycle and change management tools work across the entire system.
- Mixed-mode manufacturing: Discrete, Repetitive, Lean, and Process.

Product Releases and Platform Choices (always consult the latest MTR for specifics)

Latest Releases	E1 9.2 + Tools release 9.2.3
Databases	Oracle • IBM DB2 • Microsoft SQL Server
Operating Systems	Oracle Solaris • Oracle Linux • Red Hat Enterprise Linux IBM i • IBM AIX • Microsoft Windows Server
Deployment	On premise • Cloud (includes Oracle Managed Cloud Services) • Hybrid
Devices	Desktop • Laptop • Tablet (Android and Apple iPad) • Smartphones (iOS, Android)
Middleware	Oracle Fusion Middleware • IBM WebSphere
Client Browser	Internet Explorer • Mozilla Firefox • Safari for Apple iPad • Google Chrome
Integration Standards	Service Oriented Architecture (SOA) techniques: SOAP (Simple Object Access Protocol), REST (Representational State Transfer), JDBC, and XML based

Languages

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|-------------------------|-------------|-----------------------|
| • Arabic | • Finish | • Korean |
| • Chinese (simplified) | • French | • Polish |
| • Chinese (traditional) | • German | • Portuguese (Brazil) |
| • Czech | • Greek | • Russian |
| • Danish | • Hungarian | • Spanish |
| • Dutch | • Italian | • Swedish |
| • English | • Japanese | • Turkish |