ERP FOCUS

TOP 10 OIL & GAS ERP SOFTWARE

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1	SAP	SAP Cloud ERP (formerly S/4HANA)
2	Oracle	Oracle Fusion Cloud ERP
3	Microsoft	Dynamics 365 Business Central
4	IFS	IFS Cloud
5	Infor	Infor CloudSuite Industrial (Syte Line)
6	Oracle NetSuite	NetSuite ERP
7	Epicor	Epicor Kinetic
8	Deltek	Deltek Costpoint
9	WM Synergy	WM Synergy
10	Odoo	Odoo Online

HOW THESE RANKINGS WERE GENERATED

This ranking was determined using a number of factors including industry standing, public opinion of software, social media presence, and available software features relevant to the needs of an SMB. This ranking should serve as a rough estimate of software suitability, and more in-depth analysis can
be taken below or by using our ERP software comparison.



MUST-HAVE ERP FEATURES FOR OIL AND GAS ERP

While many assume that the oil and gas sectors look like 'any other' industrial business, when it comes to ERP operations specific elements must apply. There are host of reasons for these differences, but in the main, they are related to critical sensitivities associated with real-time management, the particular densities of business compliances, and a rapid ability to leverage external apps after the fact.

Consequently, here are five key features that must apply to any ERP platform in use by oil and gas companies.

1. REAL-TIME HARD AND SOFT ASSET CONTROL

Asset controls in the oil and gas sectors are critical to efficient operations. This is due to comprehensive dependencies involving integrated search R&D and operations, acquisition, development, transshipment, and refinement. Within this constellation, myriad software, hardware, and industrial components such as heavy-life vehicles, rigs, piping and more interact to define and deliver a final product. As a result of this nest of requirements, some ERP platforms are unable to deal with these elements efficiently - make sure potential vendors are up to scratch in this area.

2. ACTIVE TQM/QA PROCESSING

Constant improvement requires constant quality assurance, and this axiom plays a particular part in oil and gas sectors. In these business segments, unlike other more static commercial endeavors, R&D drives production, so 'improvement' is always a central operating driver due to the enormous opportunity costs associated with converting raw, fossil-based materials, into one or more final energy products. Consequently, the QA element is equally important since the products themselves require assurance validations throughout the entire supply-chain. Many vanilla ERP platforms are simply unable to maintain, so be careful to look for this particular checkpoint whenever you're investigating a O/G platform.

3. THIN SYSTEMS INTEGRATIONS

This value point typically applies to the speed of operations; so if you find that a particular ERP platform is difficult to integrate third-party components with a core ERP platform, you probably looking at the wrong system. Again, opportunity costs relating to oil and gas sectors are enormous, so you don't want to find yourself being slowed down by one or more balky affiliate components. Time is money, and with oil and gas time is more critical than others.

4. ACTIVE COMPLIANCE AND POLICY MANAGEMENT

This feature set is really where some ERP platforms perform like stars, when others don't. The oil and gas sectors are highly regulated, with hosts of Federal, State, and Tribal rules being applied quarter-over-quarter. Over time, these clusters of regulations and policy-sets have become nests of inefficiency that tend to weigh O/G operations. Nevertheless, many exist in perpetuity and as a result, ERP platforms that can deal with more efficiency than others become critical validation points.

5. STANDARDIZED DATA PROCESSES

In the same way that regulations and levels of process efficiency apply to oil and gas operations, the ability to leverage standardized processes that maintain an ERP datastore becomes equally important. This is a matter of opportunity costs, on top of the costs of downstream maintenance, since standardized systems suggests better long-term stability at lower cost, where the inverse condition clearly costs more over time. In the event, the core system itself shouldn't be the only area of investigation, however, but also the validation of any affiliate, utility, or third-party component since, once integrated, these components can either streamline or obstruct the final performance of the system.

WHY NOT CREATE YOUR OWN COMPARISON?

With our free comparison engine you can build your own side-by-side comparison of leading ERP solutions. Narrow down your shortlist using filters including:

- Software Features
- Industry
- Delivery Platform

FIND & COMPARE ERP



	SAP	ORACLE	Microsoft Dynamics 365 Business Central	IFS
OVERVIEW				
PRODUCT NAME	SAP Cloud ERP (formerly S/4HANA)	Oracle Fusion Cloud ERP	Microsoft Dynamics 365 Business Central (formerly Microsoft Dynamics NAV)	IFS Cloud
BUSINESS SECTORS				
DISTRIBUTION	✓	✓	✓	✓
GOVERNMENT & NPO	✓	✓	✗	✗
MANUFACTURING	✓	✓	✓	✓
RETAIL	✓	✓	✓	✗
SERVICES	✓	✓	✓	✓
MOBILE CAPABILITIES				
ANDROID APP	✓	✗	✓	✓
IOS APP	✓	✗	✓	✓
WEB APP	✓	✗	✓	✓
INDUSTRY				
AEROSPACE & DEFENSE	✓	✓	✓	✓
AUTOMOTIVE	✓	✓	✓	✓

CHEMICAL	✓	✓	✓	✓
CONSTRUCTION	✓	✓	✓	✓
COSMETICS	✓	✓	✓	✓
ELECTRONICS	✓	✓	✓	✓
ENERGY/POWER/UTILITIES	✓	✗	✓	✗
ENGINEERING	✓	✓	✓	✓
FASHION	✓	✓	✓	✗
FINANCIAL SERVICES	✓	✓	✓	✗
FOOD & BEVERAGE	✓	✓	✓	✓
LOCAL GOVERNMENT	✓	✓	✓	✗
MEDIA	✓	✓	✓	✗
MEDICAL & HEALTHCARE	✓	✓	✓	✗
METALWORKING	✓	✓	✓	✓
OILFIELD	✓	✓	✓	✗
PACKAGING	✓	✓	✓	✗
PAINT & ADHESIVES	✓	✓	✓	✗
PHARMACEUTICAL	✓	✓	✓	✗

PLASTICS & RUBBER	✓	✓	✓	✓
PRINT & DESIGN	✓	✓	✓	✗
RENTAL	✓	✓	✓	✗
TELECOMMUNICATIONS	✓	✓	✓	✓
WOODWORKING	✓	✓	✓	✗
CANNABIS	✗	✓	✗	✗
EDUCATION	✗	✗	✗	✗
NONPROFIT	✗	✗	✗	✗
SYSTEM HOSTING				
CLOUD	✓	✓	✓	✓
INSTALLED ON PREMISE	✓	✗	✓	✓
ERP SOFTWARE FEATURES				
BILLING	✓	✓	✓	✓
BUSINESS INTELLIGENCE/ANALYTICS	✓	✓	✓	✓
COSTING	✓	✓	✓	✓
CRM	✓	✓	✓	✓
CUSTOMER SERVICE	✓	✓	✓	✗

PRODUCT DESIGN	✓	✓	✗	✓
FINANCIALS & ACCOUNTING	✓	✓	✓	✓
HR	✗	✓	✗	✓
INVENTORY MANAGEMENT	✓	✓	✓	✓
ORDER MANAGEMENT	✓	✓	✓	✓
PLANNING & SCHEDULING	✓	✓	✓	✓
PROJECT MANAGEMENT	✓	✓	✓	✓
PURCHASING	✓	✓	✓	✓
QUALITY CONTROL	✓	✓	✗	✓
SALES	✓	✓	✓	✓
SHIPPING & DISTRIBUTION	✓	✓	✓	✓
SUPPLY CHAIN MANAGEMENT	✓	✓	✓	✓
WAREHOUSE MANAGEMENT	✓	✓	✓	✓
ASSET MANAGEMENT	✓	✓	✓	✓
DOCUMENT MANAGEMENT	✓	✓	✓	✓
CUSTOMER SUITABILITY				
ENTERPRISE (1000+ EMPLOYEES)	✓	✓	✗	✓

MEDIUM SIZE (251-1000 EMPLOYEES)	✓	✓	✓	✓
SMALL BUSINESS (1-250 EMPLOYEES)	✗	✗	✓	✓
ADDITIONAL PRODUCT INFO				
MULTI LANGUAGE	✓	✓	✓	✓
MULTI CURRENCY	✓	✓	✓	✓
CUSTOMIZABLE	✓	✓	✓	✗
SUPPORT SERVICES				
ACCOUNT MANAGER	Data currently unavailable. Click here to suggest data for this product	✗	✓	Data currently unavailable. Click here to suggest data for this product
API SUPPORT		✗	✗	
EMAIL		✗	✓	
IN-SYSTEM		✗	✗	
LIVE CHAT		✗	✗	
PHONE		✗	✗	
SUPPORT TICKETS		✗	✓	
REVIEWS				
REVIEW SCORE				
OTHER INFORMATION				

IMPLEMENTATION TIMEFRAME				
PRICING	Pricing not known		30-day free trial available, Essentials: $70/user/month, Premium: $100/user/month. Paid annually.	Not Available
ADDITIONAL INFORMATION				

				
OVERVIEW				
PRODUCT NAME	Infor CloudSuite Industrial (SyteLine)	NetSuite ERP	Epicor Kinetic	Deltek Costpoint
BUSINESS SECTORS				
DISTRIBUTION	✓	✓	✗	✗
GOVERNMENT & NPO	✗	✓	✗	✓
MANUFACTURING	✓	✓	✓	✓
RETAIL	✗	✓	✗	✗
SERVICES	✗	✓	✗	✓
MOBILE CAPABILITIES				
ANDROID APP	✓	✓	✓	✓
IOS APP	✓	✓	✓	✓
WEB APP	✓	✓	✓	✓
INDUSTRY				
AEROSPACE & DEFENSE	✓	✓	✓	✓
AUTOMOTIVE	✓	✓	✓	✗

CHEMICAL	✓	✓	✓	✓
CONSTRUCTION	✓	✓	✓	✓
COSMETICS	✓	✓	✗	✗
ELECTRONICS	✓	✓	✓	✗
ENERGY/POWER/UTILITIES	✓	✓	✗	✗
ENGINEERING	✓	✓	✓	✗
FASHION	✓	✓	✗	✗
FINANCIAL SERVICES	✓	✓	✗	✗
FOOD & BEVERAGE	✓	✓	✗	✗
LOCAL GOVERNMENT	✗	✓	✗	✗
MEDIA	✗	✓	✗	✗
MEDICAL & HEALTHCARE	✓	✓	✓	✗
METALWORKING	✓	✓	✓	✗
OILFIELD	✓	✓	✗	✗
PACKAGING	✓	✓	✓	✗
PAINT & ADHESIVES	✓	✓	✗	✗
PHARMACEUTICAL	✓	✓	✗	✗

PLASTICS & RUBBER	✓	✓	✓	✗
PRINT & DESIGN	✓	✓	✗	✗
RENTAL	✗	✓	✗	✗
TELECOMMUNICATIONS	✗	✓	✗	✓
WOODWORKING	✓	✓	✓	✗
CANNABIS	✗	✗	✗	✗
EDUCATION	✗	✗	✗	✗
NONPROFIT	✗	✗	✗	✗
SYSTEM HOSTING				
CLOUD	✓	✓	✓	✓
INSTALLED ON PREMISE	✓	✗	✓	✓
ERP SOFTWARE FEATURES				
BILLING	✓	✓	✓	✓
BUSINESS INTELLIGENCE/ANALYTICS	✓	✓	✓	✓
COSTING	✓	✓	✓	✓
CRM	✓	✓	✓	✗
CUSTOMER SERVICE	✓	✓	✓	✗

PRODUCT DESIGN	✗	✗	✓	✗
FINANCIALS & ACCOUNTING	✓	✓	✓	✓
HR	✗	✓	✓	✓
INVENTORY MANAGEMENT	✓	✓	✓	✓
ORDER MANAGEMENT	✓	✓	✓	✓
PLANNING & SCHEDULING	✓	✓	✓	✓
PROJECT MANAGEMENT	✓	✓	✓	✓
PURCHASING	✓	✓	✓	✓
QUALITY CONTROL	✓	✓	✓	✗
SALES	✓	✓	✓	✗
SHIPPING & DISTRIBUTION	✓	✓	✓	✗
SUPPLY CHAIN MANAGEMENT	✓	✓	✓	✓
WAREHOUSE MANAGEMENT	✓	✓	✓	✓
ASSET MANAGEMENT	✓	✓	✓	✓
DOCUMENT MANAGEMENT	✓	✗	✓	✓
CUSTOMER SUITABILITY				
ENTERPRISE (1000+ EMPLOYEES)	✓	✗	✓	✓

MEDIUM SIZE (251-1000 EMPLOYEES)	✓	✓	✓	✓
SMALL BUSINESS (1-250 EMPLOYEES)	✓	✓	✓	✗
ADDITIONAL PRODUCT INFO				
MULTI LANGUAGE	✓	✓	✓	✓
MULTI CURRENCY	✓	✓	✓	✓
CUSTOMIZABLE	✓	✓	✗	✓
SUPPORT SERVICES				
ACCOUNT MANAGER	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product
API SUPPORT				
EMAIL				
IN-SYSTEM				
LIVE CHAT				
PHONE				
SUPPORT TICKETS				
IMPLEMENTATION TIMEFRAME				
PRICING	Not Available	Starting at ~$10K/year	~$175/user/month (5-user min.)	$800/month (10-user license)
ADDITIONAL INFORMATION			Minimum implementation fee: $50,000	

	WM SYNERGY	odoo
OVERVIEW		
PRODUCT NAME	WM Synergy	Odoo Online
BUSINESS SECTORS		
DISTRIBUTION	✓	✓
GOVERNMENT & NPO	✗	✓
MANUFACTURING	✓	✓
RETAIL	✗	✓
SERVICES	✗	✓
MOBILE CAPABILITIES		
ANDROID APP	✗	✓
IOS APP	✗	✗
WEB APP	✗	✗
INDUSTRY		
AEROSPACE & DEFENSE	✓	✓
AUTOMOTIVE	✓	✓

CHEMICAL	✓	✓
CONSTRUCTION	✓	✓
COSMETICS	✓	✓
ELECTRONICS	✓	✓
ENERGY/POWER/UTILITIES	✗	✓
ENGINEERING	✓	✓
FASHION	✓	✓
FINANCIAL SERVICES	✗	✓
FOOD & BEVERAGE	✗	✓
LOCAL GOVERNMENT	✗	✓
MEDIA	✗	✓
MEDICAL & HEALTHCARE	✓	✓
METALWORKING	✓	✓
OILFIELD	✓	✓
PACKAGING	✓	✓
PAINT & ADHESIVES	✓	✓
PHARMACEUTICAL	✗	✓

PLASTICS & RUBBER	✓	✓
PRINT & DESIGN	✓	✓
RENTAL	✗	✓
TELECOMMUNICATIONS	✗	✓
WOODWORKING	✓	✓
CANNABIS	✗	✓
EDUCATION	✗	✓
NONPROFIT	✗	✓
SYSTEM HOSTING		
CLOUD	✓	✓
INSTALLED ON PREMISE	✗	✗
ERP SOFTWARE FEATURES		
BILLING	✓	✓
BUSINESS INTELLIGENCE/ANALYTICS	✓	✓
COSTING	✓	✓
CRM	✗	✓
CUSTOMER SERVICE	✗	✓

PRODUCT DESIGN	✗	✓
FINANCIALS & ACCOUNTING	✓	✓
HR	✗	✓
INVENTORY MANAGEMENT	✓	✓
ORDER MANAGEMENT	✓	✓
PLANNING & SCHEDULING	✓	✓
PROJECT MANAGEMENT	✗	✓
PURCHASING	✓	✓
QUALITY CONTROL	✓	✓
SALES	✗	✓
SHIPPING & DISTRIBUTION	✓	✓
SUPPLY CHAIN MANAGEMENT	✓	✓
WAREHOUSE MANAGEMENT	✓	✓
ASSET MANAGEMENT	✓	✓
DOCUMENT MANAGEMENT	✓	✓
CUSTOMER SUITABILITY		
ENTERPRISE (1000+ EMPLOYEES)	✗	✓

MEDIUM SIZE (251-1000 EMPLOYEES)	✓	✓
SMALL BUSINESS (1-250 EMPLOYEES)	✗	✓
ADDITIONAL PRODUCT INFO		
MULTI LANGUAGE	✗	✓
MULTI CURRENCY	✗	✓
CUSTOMIZABLE	✗	✓
SUPPORT SERVICES		
ACCOUNT MANAGER	Data currently unavailable. Click here to suggest data for this product	✗
API SUPPORT		✗
EMAIL		✗
IN-SYSTEM		✗
LIVE CHAT		✗
PHONE		✗
SUPPORT TICKETS		✓
IMPLEMENTATION TIMEFRAME	4-6 months	
PRICING	$4,000 per concurrent user license can be used for budgetary purposes	€24/user/month + Apps [Yearly vs. €29/user/month paid monthly]

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TOP 10 OIL & GAS ERP SOFTWARE

CONVERTED MEDIA