

Odoo ERP for UAE Oil and Gas Companies — With UAE E-Invoicing

Complete Guide for UAE Oil and Gas Businesses — Odoo ERP with OESync for UAE Peppol E-Invoicing, Project Costing, Maintenance, Procurement, and Compliance in Fujairah, Dubai, Abu Dhabi, and Ras Al Khaimah

The UAE oil and gas sector spans upstream exploration, midstream pipeline and processing, downstream refining and distribution, and oilfield services. Odoo ERP covers the full operational and financial picture for UAE oil and gas companies — project costing, maintenance management, procurement, inventory, UAE VAT accounting, and UAE mandatory e-invoicing via OESync. This guide covers every key Odoo module for UAE oil and gas businesses — and what each city's oil and gas sector needs specifically from Fujairah to Abu Dhabi.

QUICK ANSWER — ODOO ERP FOR UAE OIL AND GAS WITH UAE E-INVOICING	
Odoo versions	Odoo 16, 17, 18, and v20 — all supported
UAE e-invoicing	Via OESync by Perfonec — native Peppol connector for all Odoo versions
Key modules	Project, Maintenance, Purchasing, Inventory, Accounting, CRM, Field Service
UAE VAT	5% VAT on all applicable sales and purchases — FTA-compliant invoices
UAE e-invoicing deadline	1 Jan 2027 (AED 50M+) 1 Jul 2027 (all other VAT SMEs)
Cities covered	Fujairah · Dubai · Abu Dhabi · Ras Al Khaimah
Perfonec role	Odoo Ready Partner with Odoo Middle East (Cert n°0000699697) — full OESync setup

Key Odoo Modules for UAE Oil and Gas Companies

Project and Cost Management — Upstream and Oilfield Services
• Project-based costing — track all costs against specific wells, fields, or contracts
• Work breakdown structure (WBS) for complex exploration and drilling projects
• Budget vs actual reporting — real-time project margin visibility
• Timesheet tracking for engineers, technicians, and field crews
• Subcontractor management — purchase orders and service contracts per project
• Multi-currency project costs — USD, AED, EUR for international contracts
• Progress billing — invoice clients at project milestones or percentage completion
• All B2B project invoices transmitted through UAE Peppol via OESync automatically
Maintenance Management — Plant, Equipment and Field Assets
• Preventive maintenance schedules for plant equipment, pipelines, and rigs
• Corrective maintenance work orders — raised on breakdown, tracked to completion
• Spare parts inventory linked to maintenance work orders automatically
• Equipment history — all maintenance activities logged per asset

• Maintenance KPIs — MTBF, MTTR, availability percentage
• Field service integration — technician dispatch, GPS tracking, job completion
• Vendor maintenance contracts — SLA tracking and invoice matching
• Critical for Fujairah refinery and industrial plant operators

Procurement and Supply Chain — Materials and Oilfield Equipment
• Purchase orders raised against approved vendor lists with TRN validation
• Three-way matching — purchase order, goods receipt, and supplier invoice
• Landed cost allocation — customs, freight, and insurance across imported materials
• Multi-currency purchasing — USD for international oilfield equipment suppliers
• Incoming Peppol e-invoices from suppliers received and validated automatically
• Vendor qualification tracking — certifications, insurance, HSE records
• Blanket purchase orders for recurring materials and consumables
• Critical for Abu Dhabi ADNOC supply chain and Fujairah bunker fuel procurement

Inventory and Warehouse — Spare Parts and Materials
• Multi-location inventory — warehouses across Fujairah, Dubai, Abu Dhabi, RAK
• Spare parts management — critical vs non-critical classification
• Batch and serial number tracking for pressure vessels, valves, and instruments
• Minimum stock levels with automatic reorder rules for critical spares
• Dangerous goods and hazardous materials tracking built in
• Stock valuation — FIFO, AVCO, or standard cost per material category
• Inventory linked directly to maintenance work orders — auto-consume spares
• Bonded warehouse support for Fujairah and Jebel Ali free zone operations

UAE VAT and Accounting — Oil and Gas Specific
• UAE VAT at 5% on applicable domestic sales — exempt categories flagged
• Zero-rated exports — crude oil, refined products sold to overseas buyers
• FTA-compliant tax invoices with TRN, address, and VAT breakdown
• VAT 201 return compiled automatically from all transactions
• UAE Corporate Tax at 9% supported — with oil and gas sector exemptions tracked
• Project-based profit and loss — margin by well, field, or contract
• Multi-currency accounting — USD functional currency with AED reporting
• Inter-company transactions between UAE and international group entities

UAE E-Invoicing for Oil and Gas — What OESync Handles

E-Invoice Type	Oil and Gas Scenario	OESync Action
Standard B2B invoice	Supplying refined products, services, or equipment to UAE buyer	PINT AE XML created and sent through Peppol automatically

E-Invoice Type	Oil and Gas Scenario	OESync Action
Credit note — type 381	Price adjustment or service credit to client	Credit note type 381 with original invoice reference in BT-25
Advance payment invoice	Mobilisation fee or deposit before project start	Advance payment invoice per UAE E-Invoicing Guidelines V1.1
Zero-rated export invoice	Crude oil, LNG, or refined product export to overseas buyer	VAT category Z — buyer country code not AE
Free zone invoice	Supplying to JAFZA, IFZA, DMCC, or Fujairah Free Zone buyer	Free zone beneficiary field populated in OESync
Multi-currency invoice	USD-denominated contract invoice to international client	AED equivalent amounts included per Version 1.1
Incoming supplier invoice	Receiving Peppol e-invoice from oilfield equipment supplier	OESync receives and validates incoming PINT AE XML into Odoo

Odoo ERP for UAE Oil and Gas — By City

Fujairah — UAE's Oil Terminal and Bunkering Capital

Fujairah is the UAE's most important oil hub outside Abu Dhabi — home to the Fujairah Oil Terminal, one of the largest oil storage facilities in the world, the Fujairah Refinery, Fujairah Free Zone, and a major bunkering and ship supply cluster. Oil storage operators, bunker fuel suppliers, ship chandlers, and oilfield service companies in Fujairah consequently have specific ERP needs — tank inventory management, marine fuel invoicing, vessel-based service billing, and multi-currency USD transactions. Furthermore, Fujairah businesses supplying to Fujairah Free Zone buyers require the free zone beneficiary field on every OESync invoice. As a result, Odoo with OESync is particularly well-suited to Fujairah oil and gas operators who need a platform that handles both upstream field operations and high-volume marine fuel billing simultaneously.

- Oil terminal and tank farm inventory management in Odoo
- Marine bunker fuel invoicing — metric tonnes, USD per tonne, vessel name
- Ship chandler and vessel supply invoicing with Fujairah Free Zone configuration
- Multi-currency USD billing for international shipping company clients
- OESync UAE e-invoicing for Fujairah VAT-registered oil and gas businesses

Dubai — Oilfield Services, Trading and DMCC Energy Hub

Dubai is the UAE's centre for oilfield services, oil and gas trading, and energy sector headquarters — home to DMCC (one of the world's largest commodity trading hubs), Jebel Ali Free Zone (JAFZA), Dubai Multi Commodities Centre, and the regional offices of most major international oil companies and oilfield services firms. Dubai oil and gas businesses consequently operate at the highest invoice volumes in the sector — making Odoo's Peppol e-invoicing automation via OESync particularly valuable for reducing manual processing time. Furthermore, Dubai energy traders and oilfield services companies frequently invoice DMCC, JAFZA, and IFZA buyers — requiring free zone beneficiary field configuration on every OESync invoice. As a result, PINT AE setup is consequently more complex for Dubai oil and gas businesses than for any other UAE emirate.

- DMCC and JAFZA free zone invoice configuration for energy traders
- Multi-currency oil and gas trading invoices — USD, EUR, AED
- Oilfield services project billing — time and materials, milestones
- High-volume B2B invoice automation through OESync native Peppol
- International oilfield equipment supplier procurement in USD

Abu Dhabi — ADNOC Supply Chain and National Energy Capital

Abu Dhabi is the UAE's energy capital and home to ADNOC — one of the world's largest national oil companies. The Abu Dhabi oil and gas ecosystem spans ADNOC upstream, ADNOC Downstream, ADNOC Distribution, ADNOC Logistics, Borouge, Fertil, and hundreds of ADNOC-approved contractors and suppliers across Musaffah, Mussafah Industrial Area, ICAD, and Khalifa Industrial Zone (KIZAD). Consequently, UAE oil and gas companies supplying to ADNOC group entities must be e-invoicing ready before the October 2027 government entity go-live deadline — earlier than the standard SME deadline. Furthermore, ADNOC supply chain compliance requires vendor pre-qualification, HSE documentation, and precise invoice field accuracy — all of which Odoo and OESync handle as part of the standard setup.

- ADNOC supplier e-invoicing readiness — October 2027 government entity deadline
- KIZAD and ICAD free zone invoice configuration
- ADNOC approved vendor purchase order matching and three-way reconciliation
- Musaffah Industrial Area warehouse and spare parts inventory management
- Odoo project costing for Abu Dhabi upstream and downstream contracts

Ras Al Khaimah — Industrial Gases, Chemicals and Oilfield Materials

Ras Al Khaimah has a growing industrial sector that includes RAKIA (RAK Investment Authority), RAKEZ (RAK Economic Zone), industrial gas suppliers, chemical manufacturers, and oilfield materials distributors that supply to the broader UAE oil and gas sector. Furthermore, Ras Al Khaimah's proximity to Fujairah makes it a natural base for oilfield services companies serving the East Coast oil corridor. RAK oil and gas related businesses carry the same UAE VAT and e-invoicing obligations as Dubai and Abu Dhabi — and RAKEZ buyers require the free zone beneficiary field on every OESync invoice. Perfonec consequently serves RAK oil and gas related businesses with the full Odoo and OESync setup service — no reduced scope because of location.

- RAKEZ free zone invoice configuration for RAK industrial gas and chemical suppliers
- Oilfield materials distribution — multi-godown inventory across RAK and Fujairah
- Industrial gas billing — cubic metres, cylinders, bulk tanker deliveries
- UAE e-invoicing setup for RAK VAT-registered oil and gas related businesses
- Odoo upgrade and OESync e-invoicing in one engagement — Perfonec serves all emirates

UAE E-Invoicing Deadlines for Oil and Gas Companies

Business Category	ASP Registration	Go-Live Date	Fines Begin
Revenue AED 50M or above	By 30 Oct 2026	1 January 2027	2 January 2027
All other VAT-registered SMEs	By 31 Mar 2027	1 July 2027	2 July 2027
Government entities — ADNOC supply chain	—	1 October 2027	Post Oct 2027
Pilot phase — all businesses	Open now	From 1 Jul 2026	No fines

Fine for not registering or not going live: AED 5,000 per month — no upper cap. Fine per non-compliant invoice: AED 100 — capped AED 5,000 per month. Maximum combined fine: AED 10,000 per month. The pilot phase from 1 July 2026 carries zero financial penalties. Start your Odoo OESync setup now — while testing is free.

About Perfonec Computers — Odoo Ready Partner UAE

Perfonec is an Odoo Ready Partner with Odoo Middle East (Cert n°0000699697). We implement Odoo ERP for UAE oil and gas companies across Fujairah, Dubai, Abu Dhabi, and Ras Al Khaimah — project costing, maintenance, procurement, inventory, UAE VAT, and OESync for UAE e-invoicing. Perfonec is also the developer of OESync — the UAE Peppol e-invoicing connector for Odoo 16, 17, 18, and v20. Perfonec is additionally Authorised QuickBooks Dealer and Pro Advisor, Authorised Silver Partner for TallyPrime, Zoho Partner, and Authorised Sage Reseller UAE. Developer of QBESync and OESync.

Free Odoo oil and gas readiness check and UAE e-invoicing assessment — no cost, no commitment.

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Based on UAE Ministry of Finance Electronic Invoicing Guidelines Version 1.1 (June 2026), Ministerial Decisions No. 243 and 244 of 2025, and Cabinet Decision No. 106 of 2025. For general guidance only — not legal or tax advice.