

XERPUM

Electronic Oem

Enterprise Resource Planning

Complete integrated ERP solution for
electronic oem industry

2000+

MODULES

AI

ASSISTANT

SaaS

/ ON
PREMISE

English Edition — brosur.xerpium.com

OEM Electronics Manufacturing Ecosystem

XERPIUM ELECTRONIC OEM is a complete ERP solution for the OEM/ODM electronics manufacturing industry — covering product model, BOM version management, customer PO, SMT/assembly production, KITE facility, LC/TT trade, export PEB, packing list, quality control, supplier rating, and 168 specific COA accounts.

Product Model & BOM

Product Model — Model code, customer part number, HS code, FOB price USD, weight, volume, linked product

BOM Version — Version-controlled: draft/approved/obsolete, unique per model, linked mrp.bom

BOM Line — Component, qty, scrap rate %, supplier, notes

HS Code — HS code for customs, description

Customer Spec — Customer specification documentation per BOM version

Customer & Supplier

OEM Customer — Korean HQ, Korean Subsidiary, Local, Export — credit limit, incoterm, port of loading/discharge

OEM Supplier — Korean, Local, Chinese, Singapore — supplier code, partner type, payment term

Supplier Rating — Quality, delivery, price score — average total score

Supplier Certificate — ISO 9001, ISO 14001, RoHS, REACH, UL, CE — expiry tracking

Partner Extension — is_oem_customer/supplier, parent corp country, bank account, swift

Export Operations

Export DO — Delivery order export: container, vessel, port loading/discharge, incoterm

PEB — Export Goods Notification: DJBC registration number, CEISA integration

Packing List — Total packages, gross/net weight, volume per product model

Certificate of Origin — Form E (ASEAN-China), AK (ASEAN-Korea), Non-ASEAN

Export Invoice — Commercial invoice export in USD, FOB value, incoterm

Trade & Finance

KITE Facility — Import duty exemption: target ratio 1.5, periodic realization

KITE Realization — Import value vs export value, ratio actual vs target

LC (Letter of Credit) — Sight/usance, import/export, issuance/expiry/shipping date

TT/Remittance — Outgoing/incoming payment, bank reference, status tracking

Landed Cost — FOB + freight + insurance + duty + tax + handling

⚙ Manufacturing Orders

MO Extension — customer_po_id/line, product_model, fob_price USD, target_ship_date

Work Center — SMT, Assembly, Injection Molding, Calibration, QC Inspection, Packing

Shift — Shift management: start/end time, assignment per MO

Yield Record — Input qty, output qty, scrap qty, yield % per MO & shift

Downtime Record — Machine breakdown, setup change, material missing, quality issue, power outage

Work Order — Cycle time target, scrap budget %, sign-off

☐ Quality Control

AQL Inspection — Inbound AQL sampling: level 1.0/2.5/4.0, sample size, accept/reject

Quality Check — Extended from xerpium_mrp_quality with AQL, sample size, reject count

Lot Traceability — Component lot → finished lot, MO, customer PO linkage

Customer Complaint — Defect type (cosmetic/functional/dimension/missing/packaging), root cause, action, status

Supplier Certificate — ISO/RoHS/REACH/CE expiry tracking, attachment

☐ Import & Supply Chain

Import PO — Supplier PO with USD currency, incoterm, port, ETD/ETA, LC number

Inbound Inspection — AQL sampling on goods arrival, pass/fail result

Supplier Rating — Quality (1-5), delivery (1-5), price (1-5), average total

Landed Cost — FOB + freight + insurance + duty + tax + handling

Supplier Certificate — ISO, RoHS, REACH, UL, CE — expiry tracking

☐ Accounting & COA

168 Accounts — Chart of accounts specific to OEM electronics

Revenue — Export thermostat/parts, local sales, scrap, discount

COGS — Raw material, import raw, direct labor, overhead, variance

Expenses — Selling (freight, commission), Admin (salary, BPJS, SMT/Assembly/Calibration machine depreciation, ISO, RoHS, CE certification)

Balance Sheet — Current assets (raw/WIP/finished inventory), fixed assets (SMT, Assembly, Injection, QC machines)

Tax — PPN 11%/12%, PPh 21/23/25/26/Final, Corporate tax

📊 KPI Dashboard

Total Revenue MTD — Sum sale order amount month to date

Open Customer POs — Count PO not shipped/cancelled

Active Product Models — Count active product models

Active BOMs — Count approved & active BOM versions

Active Work Centers — Count SMT/Assembly/QC centers

OEM Customers — Count registered OEM customers

OEM Suppliers — Count registered OEM suppliers

HS Codes — Count registered HS codes

Monthly Revenue — 12-month line chart

Top Customers — Bar chart top 5 by revenue

🔍 AI Assistant Tools

electronic_product_model — Search product model by code/name

electronic_supplier — Search OEM supplier by name/country

electronic_customer_po — Search customer PO by ref/customer

electronic_suggest_hs_code — Suggest HS code from description

electronic_check_kite_ratio — Cek KITE ratio by facility number

OEM ↔ Accounting

168 OEM-specific COA accounts, 11%/12% VAT, income tax Art. 21/23/25/26

COGS: raw material, imported raw material, direct labor, overhead

Export revenue, local sales, scrap tracking

OEM ↔ Inventory

Raw materials imported/local, WIP SMT/Assembly, finished thermostat/parts

Spare parts, chemicals, packaging, scrap tracking

Lot traceability component → finished good

OEM ↔ Export

DO → Packing List → PEB → CoO → Invoice

CEISA integration for PEB submission

Container, vessel, port tracking

OEM ↔ Trade

KITE facility: duty exemption, ratio tracking

LC sight/usance, TT/remittance

Landed cost calculation

OEM ↔ Manufacturing

MO linked ke Customer PO & line

Yield & downtime per work center/shift

Work centers: SMT, Assembly, Injection, QC

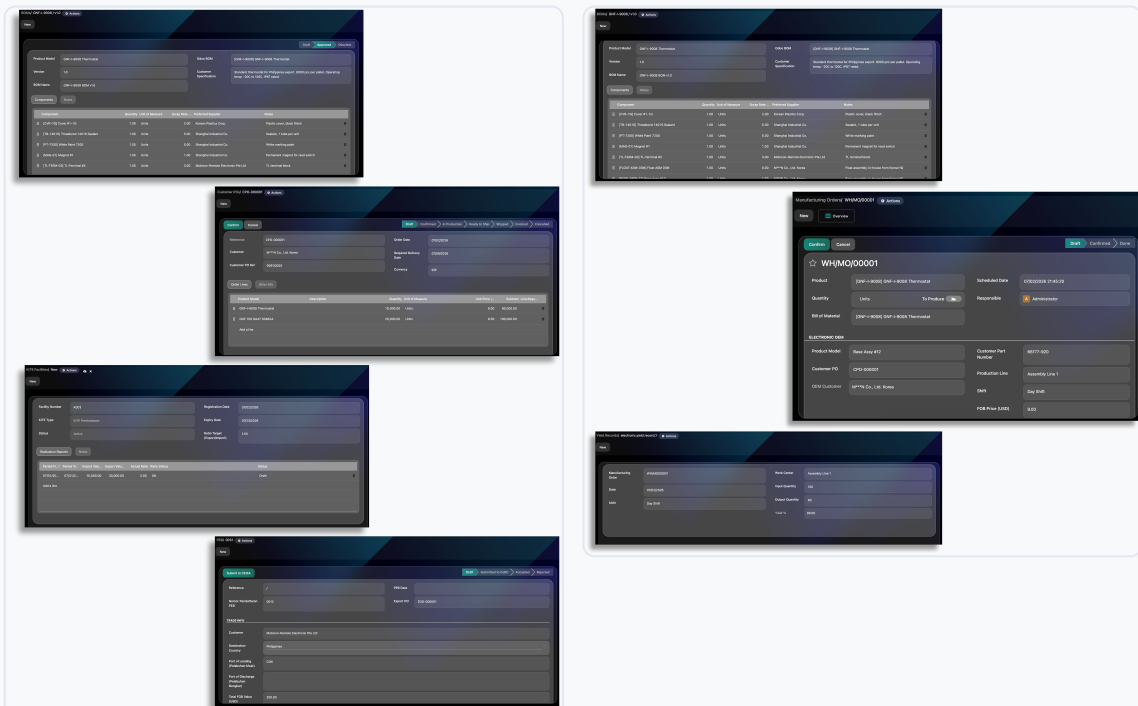
OEM ↔ AI Assistant

5 AI tools: model, supplier, PO, HS code, KITE

Natural language query via chat

HS code suggestion from description

Gallery & Demo Videos



Xerpium ERP — xerpium.com

Contact us for a free demo

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