

XERPIMUM

# Periklanan

Enterprise Resource Planning

Solusi ERP lengkap untuk industri  
periklanan

**2000+**

MODUL

**AI**

ASSISTANT

**SaaS**

/ ON  
PREMISE

Bahasa Indonesia Edition — [brosur.xerpium.com](https://brosur.xerpium.com)

## Ekosistem Perikanan Enterprise-Grade

XERPIUM FISHERY ERP adalah ekosistem modul perikanan yang dibangun di atas XERPIUM 18 — mencakup Fishing Trip, Receiving, Grading & Pricing, Processing, Cold Storage, dan Traceability penuh.

## Data Induk Perikanan

Master data terstruktur untuk seluruh operasi perikanan: spesies, kapal, grading, ukuran, dan area tangkap.

## Fish Species

**Scientific Name** — Nama ilmiah per spesies ikan

**Unique Code** — Kode pendek untuk lot numbering & traceability

**Default Product** — Mapping ke product.product otomatis

**Multi-language** — Nama spesies dalam berbagai bahasa

## Fish Vessel

**Registration** — Nomor registrasi kapal, tipe kapal

**Captain** — Kapten kapal relasi ke hr.employee

**Capacity** — Daya angkut nominal dalam kilogram

**Fleet Integration** — Terintegrasi dengan fleet.vehicle

## Fish Area

**Fishing Ground** — Area penangkapan per trip

**GPS Reference** — Koordinat area penangkapan

**Area Classification** — Zona tangkap berdasarkan regulasi

**Track Record** — Histori trip per fishing area

## Fish Grade & Size

**Grade Master** — Grade A/B/C dengan min/max score

**Size Classification** — Size per species berdasarkan weight range

**Auto-Grading** — Sistem grading rules otomatis

**Pricing Rules** — Harga per kg berdasarkan grade + ukuran

## Fishing Trip Management

**Trip Lifecycle** — Draft → Departed → Returned → Received → Closed

**Crew Management** — ABK dengan role (captain, engineer, crew), share percent

**Catch Estimate** — Estimasi tangkapan per species vs actual weight

**Cost Tracking** — Fuel, ice, logistic, wage, maintenance per trip

**Profitability** — Total cost vs revenue, profit per trip otomatis

**Fuel & Ice Qty** — BBM dan es balok per trip

## Fish Receiving & Grading

**Receiving Flow** — Draft → Weighing → QC → Approved → Posted

**Gross/Tare/Net** — Timbangan kotor, tare, bersih per line item

**Temperature Log** — Suhu ikan saat penerimaan

**Freshness Score** — Skor kesegaran untuk auto-grading

**Auto-Grade Rules** — Grading otomatis berdasarkan suhu & freshness

**Pricing Rules** — Auto price computation per species+grade+size

## Processing Batch

**Yield Management** — Input weight → output + waste dengan yield %

**Process Types** — Fillet, Loin, Steak, Block, Whole Frozen, Fish Meal

**Output Lines** — Multiple output products, byproducts, waste tracking

**Yield Standard** — Expected yield % per species vs actual

**MO Integration** — Auto-create mrp.production dari batch

**QC Stage** — QC step sebelum processing batch selesai

## Cold Storage & Cold Chain

**Cold Room Types** — Chilled, Frozen, Blast Freezer

**Temperature Thresholds** — Min & max temp dengan auto-alert

**Capacity Management** — Capacity kg vs current weight, utilization %

**IoT Integration** — Auto temperature logging dari IoT sensor

**Temperature Logs** — History: source (manual/iot/import), status

**Cold Chain Events** — Track receiving → storage → transfer → delivery

## Lot & Traceability

**Extended Stock Lot** — Species, vessel, trip, area, grade, temperature

**Parent-Child Lots** — Relasi upstream/downstream traceability

**QR Code Generation** — Auto-generate QR untuk public traceability

**Full Traceability** — Vessel → receiving → processing → delivery → customer

**Cold Chain Events** — Cold chain integrity per lot

**Public URL** — Endpoint traceability publik per lot/QR

## Enterprise Features

**Multi Warehouse** — Gudang hierarki, lokasi receiving, stock, cold storage

**Multi Company / Branch** — Operasi multi-lokasi, inter-company transactions

**Multi User** — Role-based access control, group permissions

**Multi Currency** — Exchange rate auto-sync, unrealized gain/loss

**Consolidation Reports** — P&L, Balance Sheet, eliminasi inter-co

## Quality Control — Fish Grading & Pricing

Auto-grading engine berbasis temperature, freshness score, dan defect tracking. Pricing rule otomatis per species-grade-size-supplier.

## QC Process Flow

**Auto Grade Computation** — Sistem grading rules berdasarkan species, temperature, freshness score

**Grading Rules** — Sequence-based: aturan pertama yang match = grade yang dipilih

**Reject Rule** — Jika tidak memenuhi grade manapun, bisa auto-reject atau hold

**Freshness Score** — Skor kesegaran sebagai parameter grading

**QC Status** — Status per line item: pending → pass/hold/reject

## Auto Pricing System

**Pricing Rules** — Harga per kg dihitung dari rule paling spesifik yang match

**Priority Logic** — Supplier match > grade match > size match > default

**Multi-Supplier** — Harga berbeda per supplier untuk species yang sama

**Date Range** — Harga musiman dengan date\_start & date\_end

**Apply at Line** — Tombol compute price di receiving line

## Dashboard Analytics Perikanan

19 jenis chart, dual data source (ORM + SQL), AI auto-generate, NL→SQL, copilot chat.

## AI Dashboard Features

**Auto-Generate** — Natural language → dashboard lengkap via DeepSeek

**NL → SQL** — Natural language → SQL query real-time

**Chart Insight** — AI analisis tren, peak, anomaly, rekomendasi

**Copilot Chat** — SSE-streamed chat dengan konteks dashboard

**Conditional Formatting** — Warna dinamis berdasarkan nilai

## Jurnal Akuntansi Perikanan

Alur jurnal otomatis dari penerimaan ikan hingga penjualan — biaya trip, persediaan ikan, HPP, dan pengakuan pendapatan.

## Fitur Akuntansi Perikanan

**Vendor Bill Auto-Create** — Tagihan supplier dari receiving line

**Picking Auto-Post** — Stock movement + journal saat posting receiving

**Crew Cost Accrual** — Akrual biaya ABK per trip

**Multi-Currency** — Transaksi ekspor dengan valuta asing

**Cost per Lot** — HPP per lot/traceability batch

**Analytic Distribution** — Cost center tracking per vessel/trip

## Integrasi Cross-Module

Fishery terintegrasi penuh dengan seluruh ekosistem XERPIUM.

## Fishery ↔ Sales

Fish products → sale.order line items

Traceability QR dari delivery order

Cold chain events auto-log dari outgoing picking

## Fishery ↔ Purchase

Fish receiving dari supplier via purchase.order

Vendor bill auto-create dari receiving

Supplier grading & pricing rules

## Fishery ↔ Inventory

stock.lot extended dengan fishery fields

Serial/lot tracking per species, grade, trip

Cold storage location management

## Fishery ↔ Accounting

Vendor bill auto-create dari receiving

Fishing cost journal entries

Analytic accounts per vessel/trip

## Fishery ↔ Fleet

Vessel management via fleet.vehicle

Captain & crew linked ke hr.employee

Maintenance scheduling per vessel

## Fishery ↔ HR

Crew assignment via hr.employee

Wage tracking per trip crew

Role-based access (captain/crew/admin)

## Fishery ↔ Quality

Quality alert dari cold room temperature

Grading rules sebagai QC checkpoint

Freshness scoring & defect tracking

## Fishery ↔ Bea Cukai

Dokumen ekspor hasil perikanan

Tracking HS Code untuk ikan export

Integrasi INATRADE untuk dokumen ekspor

**Xerpium ERP** — [xerpium.com](https://xerpium.com)

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