

XERPium

Livestock

Enterprise Resource Planning

Complete integrated ERP solution for
livestock industry

2000+

MODULES

AI

ASSISTANT

SaaS

/ ON
PREMISE

English Edition — brosur.xerpium.com

Enterprise-Grade Livestock Ecosystem

XERPIUM LIVESTOCK is a complete end-to-end cattle fattening management module — from livestock registration, ADG weighing, FCR feed, health, to COGS and blockchain-ready halal traceability.

Livestock Master Data

Structured master data for all fattening operations: livestock, pens, batches, feed, and medicines.

Livestock Animal Registry

Identification — Ear tag, RFID code, QR code per head

Species & Breed — 10 cattle breeds: Bali, Madura, PO, Limousin, Simmental, Brahman, Angus, FH, etc.

Origin Tracking — Structured province, regency, farm of origin of livestock

Photo & Documents — Livestock photo, gallery per head

Purchase Info — Supplier, PO, purchase price, initial weight, entry date

Pen Management

Pen Types — Fattening, Quarantine, Isolation, Holding

Capacity — Head capacity, current count, utilization %

Responsible — Person in charge per pen from hr.employee

Location & Area — Location/block, area m²

Batch Assignment — Many2many relation to livestock.batch

Batch Management

Fattening Period — Start date, end date, state (draft/active/done)

Pen & Animal Assign — Pens per batch, livestock list

Performance KPIs — FCR, avg ADG, total weight gain, mortality rate

Full Costing — Feed, medicine, labor, overhead, purchase costs

HPP Compute — COGS per head and per kg live weight automatically

Feed Management

Feed Ingredients — Forage, concentrate, BIS, rice bran, tofu dregs, molasses, minerals

Feed Formula — TMR ration formulation with DM% and cost per kg

Feed Stock — Feed stock per pen with qty_on_hand

Feeding Records — Daily recording per batch/pen per time (morning/noon/afternoon)

Dry Matter Tracking — Dry matter (DM) automatically from ingredient/formula

Weighing & ADG Tracking

Weighing Records — Routine weighing per head, date, method (manual/RFID/digital)

Auto ADG Compute — Average Daily Gain computed automatically from weight difference / day interval

Growth Curve — Per-head growth line chart

Previous Weight — Previous weight + day interval automatic

Duplicate Check — Validation: no duplicate weighing on the same date

Feeding & FCR

Feeding Schedule — Morning/noon/afternoon/night per batch or pen

Formula Mode — Select ration formulation, qty automatic from daily_feed_per_head

Ingredient Mode — Direct material recording with auto-cost

Dry Matter — Dry matter (DM) automatically from ingredient or formula

Feed per Head — Feed per head & DM per head automatic

Health & Medical Records

Event Types — Vaccination, treatment, illness, death, quarantine, routine checks, surgery

Medicine Tracking — Medicine product, dose, unit, cost, withdrawal period

Withdrawal Date — Safe-to-sell date after medication

Vaccination Schedule — Preventive vaccination schedule per species with cron reminders

Photo Documentation — Before/after photos of medical procedures

Pharmacy Stock

Stock per Pen — Medicine stock per pen + central warehouse

Movement Tracking — Medicine stock receipt, issue, adjustment

Low Stock Alert — Minimum stock + auto low_stock flag

Expiry Tracking — Medicine batch expiry date

Auto-Deduction — Stock automatically decreases when a medical record is created

SOP Management

SOP Types — Feed, health, hygiene, weighing, vaccination, biosecurity, slaughter

Checklist Items — Mandatory items with guidance, time estimate, photo

Daily Auto-Create — Daily cron creates SOP executions for every pen

Execution Tracking — Status draft → in_progress → done/skipped

Completion % — Checklist completion percentage computed automatically

Traceability & Halal Chain

Chain of Custody — Event log per livestock: intake → active → sold/slaughter

Immutable Records — Append-only, SHA-256 hash, cannot be deleted after hashing

Blockchain Ready — Hash chain + prev_hash blockchain structure

Halal Slaughter Record — Checklist ante-mortem, bismillah, qibla, post-mortem

Halal Certificate — Halal certificate with blockchain verification

Purchase to Active Workflow

Feeder Cattle PO — Purchase order specific to feeder cattle with species + expected weight

Auto Animal Creation — When PO is approved, livestock is created automatically from line items

Pen & Batch Assignment — Pen and target batch on PO are filled in directly

Automatic Region of Origin — Origin province taken from the supplier address

Trace Event — Intake events are automatically recorded in traceability

☐ HPP & Profitability Engine

Feed Costs — Total from feeding records per batch

Medication Costs — Medicine cost from health events

Labor Costs — Labor assignment per batch

Overhead Costs — Electricity, water, pen depreciation

Total Revenue — Revenue from sold livestock sales

Gross Profit + Margin % — Automatic profitability per batch

Livestock Sales & Delivery

Livestock-specific sales order, auto-DO, delivery note, animal health certificate (SKKH), and halal certificate integration.

☐ Halal Slaughter Record

Slaughter Checklist — Ante-mortem, bismillah, qibla, blood drained, post-mortem

Auto Halal Compliant — Computed from checklist, all mandatory items must be met

Carcass Data — Live weight, carcass weight, dressing %, offal

Hash & Blockchain — SHA-256 hash + blockchain TX hash ready

Halal Slaughterer — Employee assignment with manual/mechanical methods

Blockchain-Ready Certificate

Halal Certificate — Number, institution (MUI/LPPOM/BPJPH), type, validity period

Record Hash — Auto SHA-256 hash on validation

Blockchain TX — Transaction hash after submission to blockchain

Is Tamper Evident — Automatic data integrity verification

Cron Auto-Expire — Certificates expire automatically based on date

Livestock Analytics Dashboard

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

AI Dashboard Features

Auto-Generate — Natural language → complete dashboard via DeepSeek

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

Chart Insight — AI analysis of trends, peaks, anomalies, recommendations

Growth Chart Component — Interactive growth curve widget per head

Conditional Formatting — Dynamic color based on value

Livestock Accounting Journals

Automatic journal flow from feeder cattle purchase to sale — feed cost, COGS, and revenue recognition.

Livestock Accounting Features

HPP Auto Compute — COGS per head and per kg automatically from total batch cost

Sale Journal Post — Automatic sales journal when livestock is marked sold

Cost Allocation — Feed, medicine, labor cost allocation per batch

Multi-Branch — Multi-location livestock farming with consolidation

Analytic Accounts — Cost center per batch/pen

Profit & Loss per Batch — Gross profit + margin % per period

Cross-Module Integration

Livestock fully integrated with the entire XERPIMUM ecosystem.

Livestock ↔ Sales

Livestock-specific SO with animal selection

Auto-mark sold + journal posting

Delivery Order & Delivery Note integration

Livestock ↔ Purchase

Feeder cattle PO with auto-create animal

Feed ingredient purchasing

Pharmacy stock replenishment

Livestock ↔ Inventory

Feed stock management per pen

Pharmacy stock tracking

Product consumption tracking

Livestock ↔ Accounting

HPP auto compute per batch

Automatic sale journal posting

Analytic distribution per batch

Livestock ↔ HR

Labor assignment per batch

Vet & officer assignment

Pen responsible person

Livestock ↔ Maintenance

Pen & facility maintenance

Equipment calibration (scales)

Cold storage maintenance

Livestock ↔ Quality

Health event quality tracking

Halal compliance checklist

SOP execution monitoring

Livestock ↔ Blockchain

Trace record hashing SHA-256

Halal certificate verification

Chain of custody immutable audit

Xerpium ERP — xerpium.com

Contact us for a free demo

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