



Integra IT Solutions FZE LLC

Sharjah • United Arab Emirates

ERP • WMS • EDMS • CRM • AI

AI-INTEGRATED FIXED ASSET MANAGEMENT SUITE

Integra FAM

TRACK • DEPRECIATE • COMPLY

A cloud-native, multi-entity fixed asset management platform for India, the GCC and global groups — with multi-book depreciation across 10 methods, an IFRS 16 / ASC 842 / IND AS 116 lease engine, maintenance, physical verification, IoT and ESG on one asset record, and an AI layer that scores the health of every asset you own.



IFRS • US GAAP • IND AS • IPSAS

10 depreciation methods • 6 book types • IFRS 16 / ASC 842 / IND AS 116 • Companies Act 2013 • MACRS

AI-Integrated

Health score per asset • anomaly alerts • IoT thresholds • plain-English queries • ESG per asset

Open Platform

REST API • webhooks • developer portal • multi-entity • multi-currency • cloud or on-premise

Integra IT Solutions FZE LLC

Integra IT Solutions — formerly Edocs Solutions & Computer Consultants — has spent two decades building ERP, WMS, EDMS, CRM and BPM platforms for organisations that live and die by the clock. Headquartered in Sharjah, UAE, our systems run inside top-tier courier, logistics and trading enterprises across the GCC, India, Africa and Southeast Asia.

We build purpose-built platforms — not generic software bent out of shape — and we own the compliance burden so our customers don't have to.

Integra FAM is the fixed asset backbone of the Integra platform suite. It runs standalone, or connected to Integra Finance, Integra Ontrack ERP, Integra WMS and third-party systems through its open API.

Company at a glance

ORIGIN

Sharjah Publishing City Free Zone, UAE

EXPERIENCE

20+ years · 100+ global clients

REACH

Live deployments across GCC, India, Africa & Southeast Asia

PRODUCT LINES

Courier ERP · Cargo & Logistics · Warehouse WMS · Integra Finance · Integra FAM · Integra AI · EDMS · CRM

DELIVERY

Cloud SaaS or on-premise · UAE data residency · 24/7 support

THE PRODUCT

What is Integra FAM?

A complete fixed asset management system — purchase order through disposal — designed around how finance, operations and audit teams actually share an asset: one record that carries the cost, the books, the location, the maintenance history, the sensor readings and the proof that it still exists.



Accounting Core

Entity → Site → Building → Department hierarchy, asset classes with default life and method, six book types, ten depreciation methods, period runs that post a journal and respect closed fiscal periods.



Operations Built In

Maintenance plans and work orders, spare-part stores, PR → PO → goods receipt, physical verification with GPS and photo, insurance, fleet, IT assets and facilities — on the same asset record.



Intelligence Inside

A 0–100 health score per asset, anomaly alerts, IoT threshold monitoring, ESG metrics per asset, a 9-chart analytics dashboard and a plain-English query box — computed on your own data.

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MODULES ACROSS
THE ASSET LIFECYCLE

10

DEPRECIATION
METHODS · 6 BOOK TYPES

150+

REST API
ENDPOINTS

3

LEASE STANDARDS
IFRS 16 · ASC 842 · IND AS
116

Benefits at a Glance

One Register, One Truth

Finance, maintenance, insurance and audit work from the same asset record. Every change is logged with before / after values, user and IP; nothing is deleted silently.

Faster Period Close

Run each book per period, post the journal, lock the period. The register, depreciation schedule, NBV roll-forward and additions export to CSV for the auditors.

Compliance Ownership

IFRS, US GAAP, IND AS, IPSAS and UK GAAP books; IFRS 16 / ASC 842 / IND AS 116 leases; Companies Act 2013 classes and MACRS — product features, not consultant projects.

Multi-Entity, Multi-Currency

Unlimited legal entities, sites, buildings and departments under one organisation; any ISO 4217 currency with effective-dated rates and a conversion calculator.

AI that Assists, Never Blocks

Health scores, anomaly alerts and sensor thresholds run on your own data inside your tenant. Alerts are acknowledged, never auto-acted — your team stays in control.

Open by Design

REST API with Swagger, scoped API keys, webhook subscriptions with secrets and delivery tracking. Connects to Integra Finance, Ontrack ERP, WMS and your own systems.

Modules



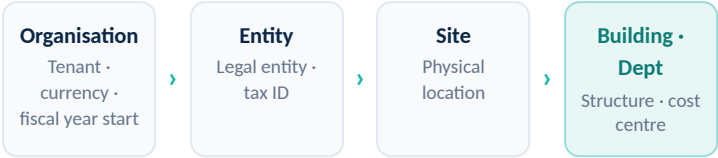
Major Features

- ✓ Browser-based — nothing to install on client PCs
- ✓ Multi-entity, multi-site, multi-currency, multi-book
- ✓ Entity → Site → Building → Department hierarchy
- ✓ Asset classes with default life, residual & method
- ✓ 10 depreciation methods — SLM, WDV, DDB, SYD, UOP, MACRS...
- ✓ Corporate, Tax, IFRS, IND AS, Regulatory & Budget books
- ✓ Period runs with journal posting; fiscal periods close / reopen
- ✓ 60-month NBV projection per asset
- ✓ IFRS 16 / ASC 842 / IND AS 116 lease schedules
- ✓ CapEx budgets, requests, WIP and capitalisation
- ✓ PR → PO → goods receipt with vendor master
- ✓ Work orders with tasks, parts, labour & material cost
- ✓ Recurring plans; spare parts with reorder alerts
- ✓ Verification campaigns with GPS & photo evidence
- ✓ QR · Barcode · RFID · NFC · BLE tags
- ✓ Insurance policies, insured assets & claims
- ✓ AI health score, anomaly alerts, plain-English query
- ✓ IoT devices, telemetry history, threshold alerts
- ✓ ESG — energy, carbon, water, waste, renewables
- ✓ Fleet, IT assets & licences, space booking
- ✓ Asset register, depreciation schedule, NBV roll-forward
- ✓ Role × module × action permissions; audit log
- ✓ REST API, webhooks, API keys, Swagger docs

One Asset Record, From Purchase Order to Disposal

The register is the spine of the platform. Every other module — depreciation, maintenance, verification, insurance, IoT, ESG — hangs off the same asset row, so there is never a second list to reconcile.

Organisation Hierarchy



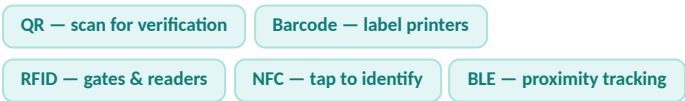
Asset Master

- ✓ Entity, class and site classification with cascading dropdowns
- ✓ Name, serial number, model, manufacturer, description
- ✓ Purchase cost, currency, purchase and capitalisation dates, warranty expiry
- ✓ Residual value, accumulated depreciation and net book value on the record
- ✓ Documents attached per asset; tags of any technology
- ✓ Full-text search across name, number and serial; paginated register

Asset Lifecycle



Tag Technologies



Asset Classes & Default Lives

CLASS	CATEGORY	DEFAULT LIFE
BLDG	Buildings	30 years
PM-GEN	Plant & Machinery	15 years
IT-SRV	IT — Servers	3 years
IT-COMP	IT — Computers	3 years
VEH	Vehicles	8 years
FURN	Furniture & Fixtures	10 years
INFRA	Infrastructure	25 years
INTG	Intangible Assets	10 years
CWIP	Capital Work-in-Progress	Non-depreciable

Classes are fully editable — code, category, default useful life, residual % and depreciation method. Each new asset inherits the class defaults into its depreciation policy.

Asset detail page

Information card with status badge · financial summary (cost, accumulated depreciation, NBV, residual) · depreciation policies per book with method, life, rate and current NBV · 60-month NBV projection chart.

CapEx & WIP

Budgets by year and quarter with utilisation bars. Requests move draft → submitted → approved → in progress → capitalised. WIP invoices (supplier, invoice no., date, amount) roll up and capitalise into a new asset in one step.

Procurement

Purchase requisitions with line items and estimated cost; submit, approve or reject; PO from approved PR; goods receipt per line with partial-receipt status; vendor master with contact and tax number.

Physical Verification

Campaigns scoped by entity and site; each asset found or not with GPS and photo; discrepancies classified missing, unrecorded, relocated or condition-changed; progress and completion summary.

Multi-Book Depreciation, Ten Methods, Five Standards

The capability finance teams ask for first — and the one most asset tools handle with a single straight-line column. In Integra FAM every asset carries one policy per book, and every book runs on its own method, life and residual.

Ten Depreciation Methods

METHOD	CODE	CALCULATION
Straight Line	SLM	(Cost – Residual) ÷ useful life, equal per period
Written Down Value	WDV	Fixed % of opening NBV; rate derived from life & residual
Double Declining Balance	DDB	2 × straight-line rate on opening NBV
Sum of Years' Digits	SYD	Remaining life ÷ sum of digits, accelerated
Units of Production	UOP	Units produced ÷ total units × depreciable amount
MACRS	MACRS	US tax recovery periods by class
Component	COMPONENT	Separate schedule per component of an asset
Depletion	DEPLETION	Natural-resource extraction basis
Group / Composite	GROUP	Pooled rate across similar assets
Diminishing Balance	DIM	Reducing balance with a configurable rate

Every method stops at residual value. Runs are idempotent per book and period — re-running never double-charges.

Six Book Types

CORPORATE	Primary financial reporting
TAX	Income Tax Act WDV · MACRS
IFRS	International reporting
IND_AS	Indian Accounting Standards
REGULATORY	Sector-specific reporting
BUDGET	Forecast depreciation

Run Lifecycle

Select book & period
Open fiscal period only

Calculate per asset
Policy method, life, residual, rate

Post
Entries + journal lines · run history

Close period
Blocks further posting; reopen if needed

What this means for you

- ✓ No more three workbooks for corporate, tax and IFRS — one asset, three policies, three runs
- ✓ Companies Act 2013 class and MACRS class recorded on the policy itself
- ✓ Opening NBV on migrated assets, so go-live starts from real balances
- ✓ Depreciation schedule by book and year, ready for the audit file
- ✓ NBV projected 60 months forward on every asset page
- ✓ Journal entries with GL accounts grouped Asset / Liability / Equity / Revenue / Expense
- ✓ Fiscal periods generated twelve at a time, closed one at a time

POLICY FIELDS

Method

Useful life (months)

Residual amount / %

Rate %

Total units

MACRS class

Companies Act class

Effective from

Opening NBV

STANDARDS

IFRS

US GAAP

IND AS

IPSAS

UK GAAP

Leases, CapEx, Insurance & Multi-Currency

Lease Engine — IFRS 16 • ASC 842 • IND AS 116

Enter the lessor, commencement date, term, payment amount and frequency, incremental borrowing rate, initial direct costs and incentives. The engine computes the present value of payments, recognises the right-of-use asset and lease liability, and generates the full schedule.

#	OPENING LIABILITY	INTEREST	PAYMENT	PRINCIPAL	CLOSING	ROU DEP.
1	2,634,000	21,950	75,000	53,050	2,580,950	73,167
2	2,580,950	21,508	75,000	53,492	2,527,458	73,167
3	2,527,458	21,062	75,000	53,938	2,473,520	73,167
...	36 periods • ROU closing per period • paid rows highlighted • terminate with history					

Illustrative: 36-month lease, 75,000 monthly, 10 % IBR. Figures in the tenant's currency.

Lease types

Finance • Operating (on balance sheet under IFRS 16) • Short-term exemption (< 12 months) • Low-value exemption

Frequencies & status

Monthly • Quarterly • Half-yearly • Annually. Active, expired, terminated, modified. Stats: active leases, expiring in 30 days, total liability.

Why it matters

- ✓ Operating leases moved on-balance-sheet in 2019 under IFRS 16, ASC 842 and IND AS 116 — most teams still schedule them in Excel
- ✓ One schedule per lease: interest, principal, ROU depreciation and closing balances every period
- ✓ Payments recorded against the schedule; paid rows highlighted
- ✓ Liability totals on the dashboard; expiring-soon alerts at 30 days
- ✓ Same entity and currency model as the asset register — no second master



CapEx & WIP

- ✓ Budgets by fiscal year and quarter with approved-vs-budget utilisation
- ✓ Requests with cost, priority, expected date, justification
- ✓ Submit → approve / reject → in progress → capitalised
- ✓ WIP invoices accumulate; capitalise creates the asset



Insurance & Claims

- ✓ Policies with insurer, type, coverage period, sum insured, premium
- ✓ Assets linked to policies with insured values
- ✓ Claims: pending → under review → approved → settled
- ✓ Expiring-soon and open-claim counts on the dashboard



Multi-Currency

- ✓ Any ISO 4217 pair with effective-dated rates and source
- ✓ Conversion calculator and historical rate tracking
- ✓ Assets and leases carry their own currency
- ✓ Organisation default currency and fiscal year start

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LEASE STANDARDS
IFRS 16 • ASC 842 • IND AS
116

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LEASE TYPES
FINANCE • OPERATING •
SHORT-TERM • LOW-VALUE

6

CAPEX REQUEST STATES
DRAFT → CAPITALISED

30

DAYS' NOTICE ON
EXPIRING LEASES & POLICIES

Maintain, Stock, Sense and Run the Asset

Accounting tells you what an asset is worth. Operations tells you whether it will still be running next quarter. Integra FAM keeps both on the same record.



Maintenance & Work Orders



- ✓ Preventive, corrective, reactive, inspection and calibration types; critical to low priority
- ✓ Task checklist with progress bar; parts used with quantity and unit cost
- ✓ Labour and material cost; completion notes; cancel with confirmation
- ✓ Recurring plans by asset or class with next-due calculation
- ✓ Stats: open, in progress, completed in 30 days, overdue



Inventory & Spare Parts

- ✓ Items with code, part number, unit, stock, reorder point, unit cost
- ✓ Receipt, issue, return, adjustment and transfer transactions
- ✓ Low-stock alert panel and in-table warnings
- ✓ Parts issued to work orders flow straight into job cost
- ✓ Instant search across name, code and part number



IoT Platform

- ✓ Devices registered and linked one-to-one with assets; online / offline status
- ✓ Telemetry ingested by API — metric, value, unit, timestamp — with queryable history
- ✓ Threshold alerts for temperature, vibration, humidity, power, pressure and fuel level
- ✓ Alerts resolved into corrective work orders on the same asset
- ✓ MQTT and OPC-UA adapters and time-series storage on the roadmap



Fleet & Vehicles

- ✓ Car, truck, van, bus, two-wheeler, heavy equipment; diesel, petrol, CNG, electric, hybrid
- ✓ Fuel logs with litres, cost per litre, odometer and station
- ✓ Service history with vendor, cost, next-service km and date
- ✓ Insurance, fitness certificate and PUC expiry tracked per vehicle
- ✓ km/litre efficiency report; fuel cost over 30 days on the dashboard



IT Asset Management

- ✓ Laptops, desktops, servers, network devices, printers, mobiles, tablets
- ✓ Make, model, serial, OS, IP and MAC on record; assign and unassign to users
- ✓ Software licences with vendor, type, total and used seats, expiry and cost
- ✓ Installations tracked per device; expiring-licence count on the dashboard



Facilities & Spaces

- ✓ Offices, conference rooms, server rooms, cafeterias and storage with floor, area, capacity, amenities and rent
- ✓ Bookings with title, start / end, attendees and notes
- ✓ Conflict detection prevents double-booking
- ✓ Utilisation rate and today's bookings on the dashboard

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WORK ORDER TYPES
PREVENTIVE → CALIBRATION

5

STOCK TRANSACTION TYPES
RECEIPT · ISSUE · RETURN ·
ADJUST · TRANSFER

6

TELEMETRY METRICS
WITH THRESHOLD ALERTS

8

IT ASSET TYPES
LAPTOP → NETWORK DEVICE

Reports, Dashboards & Sustainability

Standard financial reports with totals and one-click CSV export, a nine-chart analytics dashboard, and ESG metrics recorded per asset per month — because the auditor, the board and the sustainability officer all ask about the same assets.

Standard Reports

REPORT	CONTENTS
Asset Register	Asset no., name, class, entity, cost, accumulated depreciation, NBV, status — filter by entity, site, class, status; totals row; CSV
Depreciation Schedule	Period-by-period charges by book and year
NBV Roll-Forward	Gross cost, accumulated depreciation and NBV per asset, by book; CSV
Additions	Assets capitalised within a date range
Executive Summary	High-level metrics for management reporting
Entity Change History	Every change to any record with before / after values, user, IP, timestamp

Analytics Dashboard — 9 Charts

KPI cards	Total assets, gross asset value, inventory items, under maintenance
Assets by category	Pie — buildings, plant, IT, vehicles, furniture, infrastructure...
Age distribution	Bar — asset count by age band
Work-order trend	Line — 12 months, corrective vs preventive
Value by entity	Horizontal bar — gross value per legal entity
CapEx vs budget	Progress bars with utilisation %
Top assets by value · Depreciation trend · Inventory status	Ranked table · charges by period · stock health

 **Export & print**

Register and NBV roll-forward download as CSV in one click; every table is filterable before export so the auditor's sample is the system's sample.

 **Drill to the record**

Every figure in a report or chart resolves to an asset, work order, lease or campaign page — and from there to its complete change history.

 **Reports by API**

The same five reports and nine analytics series are available as REST endpoints with the `reports:read` scope, for BI tools and group consolidation.

 **ESG & Sustainability**

Five metrics recorded per asset per month, with notes — so carbon reporting starts from the asset register rather than a separate survey.

Energy	kWh consumed
Carbon	tCO ₂ e emitted
Water	m ³ used
Waste	kg generated
Renewables	kWh generated / consumed

- ✓ Year-to-date dashboard
- ✓ Top emitters ranked by carbon footprint
- ✓ Query by asset, period or date range
- ✓ Solar and energy assets feed renewables from IoT readings

Dashboard home

Asset, maintenance, lease, CapEx, insurance, IoT, fleet, ITAM and facilities stats on one landing page; every module has its own stats strip and status filters.

An AI Layer That Works Alongside Your Team

Integra FAM scores, flags and answers from the data you already keep — asset age, maintenance history, cost patterns, verification results and sensor telemetry. It runs inside your tenant, is gated by your roles, and never sends asset data to a third-party model.



Health Scoring

A 0–100 score per asset from age, corrective history, cost drift and last verification, classified LOW / MEDIUM / HIGH / CRITICAL with a predicted next service date. Filter by risk and class.



Anomaly Detection

Excessive corrective work orders, abnormally low NBV, assets not found on verification, insurance claims filed, depreciation not run on schedule — raised with severity, acknowledged by a person.



IoT Thresholds

Temperature, vibration, humidity, power, pressure and fuel readings checked against thresholds on ingestion; breaches become alerts that resolve into work orders.



Plain-English Query

"Highest value asset", "assets under maintenance", "critical risk assets", "carbon this year", "open work orders" — answered from live data with the underlying figures.



Your data stays yours

Scoring and detection run on your own PostgreSQL data, scoped to your organisation. The *ai-insights* permission is granted per role, every acknowledgement is audit-logged, and nothing leaves your deployment — cloud or on-premise.



Grounded in the register

Every signal links back to an asset page — its policies, work orders, verification results, policies and telemetry — so an alert is a starting point for action, not a black-box score.

Built for where asset management is going

Market direction is clear: predictive maintenance, sensor-connected assets, mobile verification and agentic AI in the register. Integra FAM is upgraded on a published roadmap so customers get these as releases, not re-implementations.



Mobile App — iOS & Android

Scan QR / barcode, verify with photo and GPS stamp, start and complete work orders in the field, offline-first sync, push notifications for assignments and alerts.



Workflow & Approvals Engine

Configurable multi-level approvals for CapEx, disposals, transfers and revaluations; role or user approvers, escalation rules, templates, email per step.



ERP & IoT Connectors

SAP FI-AA, Oracle Fusion, Dynamics 365, Tally, QuickBooks and Xero; MQTT and OPC-UA adapters with time-series telemetry storage.



Notifications & Digests

Email, SMS and in-app alerts for work orders, lease and insurance expiry, IoT breaches and anomalies; per-user preferences; daily and weekly digests.



LLM Assistant — Bring Your Own Key

Gemini, Claude or any OpenAI-compatible endpoint, configured per screen as in Integra Finance's AI Control Center; keys encrypted at rest; your data never trains anyone's model.



Languages, RTL & Certifications

25+ languages with Arabic right-to-left; SOC 2 Type II and ISO 27001 programmes; GDPR and India DPDP posture at launch.

Roadmap items are planned enhancements and are released progressively; timing is shared with customers under agreement.

Enterprise-Grade Foundation

Multi-Entity Platform

Every record is scoped to its organisation; unlimited legal entities, sites, buildings and departments beneath it. Organisation profile with legal name, tax ID, address, currency and fiscal year start. Cloud SaaS or on-premise.

Security

bcrypt password hashing, short-lived JWT access tokens with refresh tokens rotated on every use, API rate limiting, user status control (active, inactive, invited, suspended) and password reset by administrators.

Roles & Permissions

Module × action permission grid; five system roles — Super Admin, Finance Manager, Asset Manager, Maintenance Technician, Viewer — protected from deletion; unlimited custom roles.

Audit Trail

Every create, update and delete recorded with before / after JSON, user, IP address, user agent and timestamp; filter by entity type, entity, user or date range; complete history per record.

Developer Portal & API

REST API v1 with Swagger documentation; named API keys with scopes, shown once and stored hashed; webhook subscriptions with secret, event filter, delivery status and failure count; event and scope catalogues.

Operations

Docker Compose for the complete stack, Kubernetes-ready, PostgreSQL 16 with versioned Prisma migrations, Redis cache, documented backup and restore; targets of P95 < 500 ms and 99.9 % uptime.

Multi-tenant

Multi-entity

Multi-currency

Multi-book

PostgreSQL 16

Next.js 14 • NestJS 10

Browser-based

REST API + Webhooks

Connects to Integra Finance • Ontrack ERP • WMS

Ready to see your asset register run itself?

Book a live demonstration with your own fixed asset register, your depreciation policies and a lease or two. We will show you multi-book depreciation, the IFRS 16 schedule, verification and the AI health score on your data.

Integra IT Solutions FZE LLC • formerly Edocs Solutions & Computer Consultants



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