



VectorMind AI for Property Management

Operational intelligence for property portfolios: faster leasing, lower operating cost, compliant decisioning.

Secure, auditable Gen-AI that turns leases, maintenance logs, tenant communications and sensor feeds into timely, evidence-backed actions — preserving IP and tenant privacy.



Property managers and asset owners juggle large document volume (leases, service contracts, invoices), fragmented systems (PMS, CAFM, ERP), frequent tenant enquiries and strict compliance (health & safety, fire, data privacy). Manual extraction, slow lease interpretation and reactive maintenance increase costs, reduce occupancy and elevate risk. CohesionX's VectorMind applies enterprise-grade Gen-AI across the property lifecycle to extract authoritative data, link provenance, automate commercial and operational rules and surface explainable recommendations — all with tenant isolation, full audit trails and policy controls suitable for global landlords, REITs and FM providers.

Lease Abstraction, Rent Review & Break Notices



business GPT

Complex lease language, scattered amendments, and missed review windows cause lost income and costly disputes; VectorMind automates lease abstraction, indexes critical clauses and enforces review workflows to protect rental revenue.

How it works

Ingest: Iris ingests executed leases, side letters, amendments, broker emails and scanned appendices via secure upload or repository connectors.

Extract & Normalise: Iris extracts key lease fields (commencement/expiry dates, break options, rent review windows, CPI clauses, rent schedules, security deposits and repair obligations), and normalises index references and currency formats.

Link & Contextualise: Atlas links original leases with amendments, notices and prior correspondence to create a single evidential view of obligations and deadlines.

Validate & Enforce: Neuroflow applies lease-specific business rules to calculate review dates, escalation amounts and break notice deadlines; flags early action where notice periods are imminent.

Reason & Recommend: Business GPT generates concise lease abstracts, suggested negotiation positions for rent reviews and templated notices for sections requiring action.

Orchestrate Actions: Neuroflow schedules reminders, routes review packs to valuations, legal and asset managers, and records approval steps and finalised notices with provenance.

Search & Audit: Synaptic Search allows rapid retrieval of similar clause outcomes and Atlas provides an auditor-ready evidence pack for any disputed interpretation.

Gains

- **Fewer missed review windows** and improved capture of rise-and-rise revenue through timely rent reviews.
- **Faster lease abstraction** and consistent clause interpretation across the portfolio.
- **Reduced legal disputes** via defensible, source-linked evidence and standardised notice generation.
- **Lower overhead** for property teams with automated reminders and prefilled review dossiers.
- **Clear audit trail** for valuers, auditors and financiers.



www.vectormind.online



business GPT

Service Charge Allocation, Utility Billing & Tenant Charge-through

Incorrect allocation of municipal bills, utilities, and common-area costs leads to revenue leakage and tenant disputes; VectorMind automates ingestion, lease-accurate cost allocation, and billing to ensure tenants are charged correctly.

How it works:

Receive and ingest municipal bill, generator runtime, common area costs, etc. > Allocate cost to tenant according to lease. > Write output to ERP. > Send an accurate bill to the tenant.



Accurate tenant billing | Faster processing | Reduced manual reconciliation | Clear, source-linked evidence

More Property Management Use Cases



Tenant Onboarding & KYC

Manual tenant verification, inconsistent documentation capture, & slow onboarding reduce occupancy and increase compliance risk. Iris ingests ID documents, proof of income, guarantor letters & lease applications; Knowledge Nodes guide tenant intake & prompt for missing items; Neuroflow runs KYC & eligibility rules, provisions tenancy records & logs the full decision trail for compliance.



Rent Collection, Arrears Management & Chargeback Handling

Multiple payment channels, split payments & manual reconciliation cause cashflow friction and high collection overhead. Iris extracts payment receipts and gateway reports; Neuroflow reconciles payments to tenant accounts, raises exception dossiers for unapplied amounts & automates reminder/escalation flows; Business GPT drafts bespoke communication for recovery or hardship arrangements.



Lease Compliance & Fit-out / Permit Tracking

Unauthorised fit-outs, missing permits & inconsistent compliance records create liability & enforcement risk. Iris ingests permits, inspection certificates & fit-out plans; Atlas links approvals to lease clauses and tenant records; Neuroflow enforces permit expiry reminders and triggers compliance workflows for enforcement or remedial works.



Service Charge Reconciliation & Supplier Management

Complex service charge allocations, vendor invoices & manual three-way matching increase disputes & audit queries. Iris extracts vendor invoices & service reports, Atlas maps service charge clauses & allocated cost centres, Neuroflow automates 3-way matching (budget vs invoice vs service delivery) and routes remediation to finance and operations.



Energy Management & Sustainability Reporting

Fragmented energy metering, tenant allocations & ESG reporting data make sustainability targets and net-zero initiatives hard to evidence. Iris ingests meter reads and IoT telemetry, Atlas maps consumption to units and tenants, Business GPT generates regulator-ready sustainability narratives & Neuroflow schedules optimisation or corrective actions.



Dispute Resolution, Claims & Insurance Management

Protracted disputes over damage, deposits, or insurance claims due to incomplete evidence & slow investigation. Iris captures incident reports, photos, repair invoices & correspondence; Atlas assembles a provenance pack per claim, Business GPT summarises liability and suggested settlements & Neuroflow orchestrates claim workflows and approvals.



vectormind

your data, our AI

VectorMind provides an affordable, easy-to-integrate Gen-AI solution, giving your employees access to the magic of all the top global commercial Gen-AI platforms, without exposing IP and sensitive data.



Get rid of tedious
tasks & human error



Automate actions &
set alerts



Always ensure factual
AI answers



Homegrown
affordable South
African software

www.cohesionx.co.za

info@cohesionx.co.za

www.vectormind.online

COHESIONX
HARMONY IN EXPERTISE