01 / EXECUTIVE COVER & SOVEREIGN AI VISION

# AlderAI & Sovereign Blackwell Compute Fleet: Bridging Dublin, London & Dubai

A vertically integrated Sovereign AI, Cybersecurity & Enterprise Automation group (ahmedalderai.com | alderai.uk | ummro.dev | EU .si domains) combining bare-metal NVIDIA RTX PRO 6000 Blackwell (96GB GDDR7 ECC) compute at $0 token cost with 5 production B2B platforms.

## 96 GB GDDR7

**Sovereign Blackwell GPU Node #1**

NVIDIA RTX PRO 6000 Blackwell (SM120, 188 SMs, 1.8 TB/s BW) + 192GB DDR5 ECC live in production.

## $0 / Token

**Zero Cloud API Marginal Cost**

412 tok/s concurrent Qwen3.8-Flash-Next + 744B GLM-5.3 surgical graft running 100% air-gapped.

## 5 Web Hubs

**ahmedalderai.com • alderai.uk • ummro.dev**

Dedicated Cloudflare web hubs for B2B Consulting/Syndicates, >€500/day Contracting, Red-Team SaaS & 2 .si EU domains.

## 3 Global Hubs

**Dublin • London • Dubai**

Irish LTD (EU/EEA), UK Entities (London Enterprise & SEIS), and AlderAI Dubai Lab (DET #1628399).

| JURISDICTION & WEB HUB | OPERATING ENTITY & PRIMARY DOMAIN | CORE COMMERCIAL MANDATE | STRATEGIC & TAX ADVANTAGE |
|---|---|---|---|
| **Dublin, Ireland (EU/EEA Hub)** | Irish Limited Co (Fé Phráinn) • alderai.uk & 2 .si EU Domains | Senior AI/Cyber Contracting (>€500–€750/day), EU DORA/AI Act Audits & EIIS Syndicate | 12.5% Trading CT, Stamp 4 Day-1 Readiness, 35%–50% EIIS Investor Tax Relief |
| **London, United Kingdom (UK Hub)** | UK AI & Cyber SPV + Elevation Global (#17547502) • alderai.uk | UK TSA v1.1 Telecom Sprints, Bonhill/MUFG Contracting (ahmed@alderai.uk) & UK SEIS Pods | 50% HMRC SEIS Upfront Tax Refund + 0% CGT + Direct Tier-1 London Banking/Telco Access |
| **Dubai, UAE (MENA R&D Hub)** | AlderAI R&D Lab (DET #1628399) • ahmedalderai.com & ummro.dev | B2B Consulting (me@ahmedalderai.com), Full-Time AI/Cyber Pod & GCC NCA ECC Delivery | 0% UAE Qualifying R&D Tax Regime + AED 2,500–5,000/mo PropTech & Enterprise Voice SaaS |

- Dual-Brand Web Architecture: ahmedalderai.com (me@ahmedalderai.com) serves as the Company, Founder & B2B Consulting/Syndicate Hub; alderai.uk (ahmed@alderai.uk) serves as the Principal UK/Ireland Contracting Hub, complemented by ummro.dev and two .si EU domains (registered 2026-09-30 via Domains.SI / Registriraj.SI).
- Eliminates the two fatal flaws of 2026 AI startups: runaway OpenAI/Anthropic API burn and cloud data-privacy/refusal bottlenecks on enterprise security workloads.

# Ahmed Adel Bakr — Senior AI Systems, Cybersecurity & Distributed Infrastructure Architect

14+ years architecting mission-critical telecommunications, FinTech, offensive/defensive cybersecurity, and bare-metal distributed AI systems across EMEA—backed by 90+ production repositories, 2,081-repo R&D corpus, and live hubs at alderai.uk & ahmedalderai.com.

## 14+ Years

**Tier-1 Telecom, FinTech & Cyber**

Vodafone & enterprise EMEA architecture across core networks, cloud security, and high-throughput systems.

## 90+ Repos

**Production AI & Security Codebase**

Proprietary MCP servers, LLM inference proxies, autonomous orchestrators, and compliance engines.

## 2,081-Repo

**Indexed R&D & Intelligence Corpus**

Graphify AST-mapped engineering corpus + 50,647 verified executive & technical contacts across EMEA.

## CS + ITI

**Foundational Systems Pedigree**

B.Sc. Computer Science (Egyptian Aviation Academy) + Information Technology Institute (ITI) Cyber Security Postgraduate Diploma.

| DOMAIN PILLAR | VERIFIED TECHNICAL DEPTH & PRODUCTION SYSTEMS BUILT | ENTERPRISE & COMMERCIAL IMPACT |
|---|---|---|
| **Sovereign LLM & GPU Systems** | Custom SM120 Blackwell CUDA/Triton kernels, GLM-5.3 744B 160-expert surgical grafts, Smoking-Gun Proxy v3 (:8088) | Delivers frontier-grade reasoning & tool-calling locally at $0 API cost with 100% deterministic JSON/XML schemas |
| **Cybersecurity & Regulatory Assurance** | 57-category LLM red-team engine (ummro.dev), 201 bypass tactics, UK TSA v1.1, EU AI Act Art. 15, DORA & Saudi NCA ECC | Enables 48-hour air-gapped security & compliance audit sprints (£2,500–£5,000) via ahmedalderai.com |
| **Multi-Agent & Enterprise Automation** | Loom vNext (923 MCP tools / 154 modules), 24/7 Tri-Agent SDLC Orchestrator, <400ms SIP/WebRTC AI Voice Concierge | Replaces €45,000/yr front-office overhead and compresses 3-week consulting engagements into 48-hour automated pipelines |
| **Principal Contracting & Leadership** | Egyptian Aviation Academy CS, ITI Alumni, State Street VP & Vodafone Track Record, Principal Architect via alderai.uk (ahmed@alderai.uk) | Trusted by C-suite executives, CISOs, and Tier-1 recruitment desks across Dublin, London, Riyadh, and Dubai |

- Hands-on builder from bare-metal liquid-cooled hardware assembly and PTX/CUDA kernel tuning up to multi-tenant FastAPI/Next.js 15 SaaS platforms and board-level regulatory certificates.
- Direct Executive Channels: ahmed@alderai.uk (alderai.uk — UK & Ireland >€500/day Principal Contracting) | me@ahmedalderai.com (ahmedalderai.com — B2B Consulting, Dubai AI Lab & EIIS/SEIS Syndicates).

# Live Production Hardware: NVIDIA RTX PRO 6000 Blackwell (96GB GDDR7) + Cloud Mesh

Our flagship on-prem node (rtx-ts) pairs workstation-class 96GB GDDR7 ECC Blackwell silicon with 192GB DDR5 ECC RDIMM and silent MO-RA4 liquid cooling—interconnected via encrypted Tailscale mesh with Hetzner Production and Colab G4.

## 96 GB GDDR7

**NVIDIA RTX PRO 6000 Blackwell**

SM120 architecture, 188 SMs, 1.8 TB/s VRAM bandwidth, 5th-Gen Tensor Cores (FP4/FP8/BF16) with ECC.

## 192 GB DDR5

**Kingston ECC RDIMM @ 5800 MT/s**

GIGABYTE AI TOP 500 host (188 GiB usable) + NVMe RAID enabling 288 GB unified GPU+CPU MoE weight hosting.

## 19.2 kWh/day

**MO-RA4 Silent Thermal Recovery**

External radiator loop converts 800W continuous compute draw into silent space heating (net ~€2.10/day compute cost).

## 3-Node Mesh

**rtx-ts + hetzner-prod + colab-g4**

Tailscale WireGuard mesh linking rtx-ts GPU core, hetzner-prod (100.96.7.52) gateway, and colab-g4 SM120 testbed.

| MESH NODE / SUBSYSTEM | HARDWARE & NETWORK SPECIFICATION | PRIMARY PRODUCTION WORKLOAD & ROLE |
|---|---|---|
| **Node #1: rtx-ts (Sovereign Core)** | 1× NVIDIA RTX PRO 6000 Blackwell 96GB GDDR7 ECC (SM120, 188 SMs, 1.8 TB/s) + GIGABYTE AI TOP 500 + 192GB DDR5 ECC | Primary $0-token inference (:8081 Qwen3.8-Flash-Next, :18089/:8088 GLM-5.3 744B), Whisper/Orpheus Voice & Qdrant RAG |
| **Thermal & Power Architecture** | MO-RA4 External Liquid-Cooled Loop + 800W Continuous Load (19.2 kWh/day Winter Thermal Recovery Offset) | Whisper-quiet 24/7 sustained 100% duty-cycle operation with documented domestic heating cost reimbursement |
| **Node #2: hetzner-prod (100.96.7.52)** | Dedicated Cloud Production Gateway, Docker Swarm, Reverse Proxy, UMMRO SaaS & 24/7 Autonomous Orchestrator | Public ingress for ummro.dev, Loom vNext API endpoints, multi-agent task queues, and automated PDF certificate delivery |
| **Node #3: colab-g4 (Kernel Testbed)** | Cloud SM120 / G4 Verification Node linked via Tailscale / SSH Automation | Zero-downtime staging for CUDA/Triton attention kernels, speculative decoding benchmarks, and quantization sweeps |

- 288 GB combined ECC memory footprint (96 GB GDDR7 + 192 GB DDR5 ECC) allows simultaneous hosting of fast 35B MoE agents and massive 744B frontier reasoning models on a single node.
- 100% physical and cryptographic sovereignty: client source code, voice streams, and red-team findings never touch third-party hyperscaler storage or telemetry logs.

# Dual-Engine Local Inference Stack + Custom SM120 GPU Kernel R&D Pipeline

We run two complementary production LLM tracks on rtx-ts—ultra-fast Qwen3.8-Flash-Next for high-concurrency agentic execution and a 744B GLM-5.3 surgical graft for deep architecture/security reasoning—backed by our Smoking-Gun Proxy v3.

**149.7 tok/s**
**Qwen3.8-Flash-Next Single-Stream**
35B-A3B MoE on port :8081 delivering sub-second time-to-first-token and instant agentic tool invocation.

**412.0 tok/s**
**4-Slot Concurrent Throughput**
Configured with -np 4 -cb -fa on (continuous batching + FlashAttention) achieving 100% pass across 6 verification suites.

**744B / 160-Exp**
**GLM-5.3 Surgical Graft (:18089)**
39/42 layers in 96GB GDDR7 via Q6_K-down selective CPU offload + :8088 Smoking-Gun Proxy v3 (7/7 reliability fixes).

**7 GPU Kernels**
**Custom SM120 R&D Stack**
FlashAttention-1/2/3, Online Softmax, Stream-K GEMM, MARLIN FP4/INT4, PagedAttention, Ring Attention & FlashInfer.

| INFERENCE TRACK | ENDPOINT & ARCHITECTURE | VERIFIED THROUGHPUT & QUALITY METRICS | KEY ENGINEERING BREAKTHROUGHS LIVE |
|---|---|---|---|
| **Track 1: High-Speed Agentic MoE** | rtx-ts :8081 — Qwen3.8-Flash-Next (35B-A3B MoE, -np 4 -cb -fa on) | 149.7 tok/s (1-slot) \| 412.0 tok/s (4-slot concurrent) \| 100% Pass (6/6 Suites) | Zero-latency parallel slot execution for SME Voice Pods, real-time OSINT scraping, and CI/CD red-team scanning |
| **Track 2: Frontier Deep Reasoning** | rtx-ts :18089 + :8088 Proxy — GLM-5.3 (744B / 160-Expert Surgical Graft) | 39/42 GPU layers in 96GB GDDR7 \| 7/7 Smoking-Gun Proxy v3 reliability fixes | Q6_K-down selective CPU expert offload + deterministic think-tag stripping, grammar enforcement & tool-call recovery |
| **Track 3: GPU Kernel R&D Stack** | SM120 Blackwell CUDA / PTX / Triton Custom Kernel Suite | Up to 10.3× KV-cache compression & zero tile-quantization wave waste | FlashAttention-1/2/3, Online Softmax, Stream-K load-balanced GEMM, MARLIN FP4/INT4, Paged/Ring Attention & FlashInfer cascade |

- Smoking-Gun Proxy v3 (:8088) guarantees 100% production API reliability—handling reasoning-budget caps, malformed tool-call auto-repair, and seamless OpenAI/Anthropic SDK compatibility.
- FlashInfer cascade shared-prefix KV caching allows 57-category security audits and multi-agent code reviews to reuse system/repo context across hundreds of parallel queries.

# ummro.dev — Autonomous EU AI Act Article 15 & OWASP LLM Top 10 Compliance Platform

Mandatory EU AI Act Article 15 cybersecurity, robustness, and adversarial resilience enforcement is live. ummro.dev executes automated 57-category red-team audits at $0 token cost on rtx-ts and generates board-ready PDF 1.4 compliance certificates.

## 57 Categories

**Pangea / CrowdStrike 2025 Taxonomy**

Full-spectrum adversarial coverage across prompt injection, jailbreaks, PII exfiltration, and agentic tool hijacking.

## 201 Tactics

**Automated Bypass & Escalation Library**

10-level progressive escalation pipeline + ML strategy router trained on 1,200+ empirical multi-model evaluations.

## PDF 1.4 Certs

**Automated WeasyPrint Audit Reports**

Instant A–F executive grading mapped directly to EU AI Act Art. 15, NIST AI RMF, ISO 42001 & OWASP Agentic Top 10.

## 99%+ Margin

**$0 Local Inference Token Cost**

Runs entirely on rtx-ts Qwen3.8-Flash-Next & GLM-5.3 —turning a $2,500 audit into near-100% gross profit.

| COMMERCIAL TIER | PRICE POINT | TARGET BUYER & USE CASE | AUTOMATED DELIVERABLES & SLA |
|---|---|---|---|
| **Tier 1: Instant Surface Scan** | $0 (Lead-Gen Funnel) | AI Engineering Leads, CTOs & Compliance Officers testing exposure | 10-probe rapid adversarial check + executive risk scorecard & remediation preview |
| **Tier 2: Executive Compliance Audit** | $2,500 One-Off Sprint | FinTechs, HealthTechs & Enterprises preparing for EU AI Act / ISO 42001 | Full 57-category × 201-tactic audit + signed WeasyPrint PDF 1.4 Article 15 Certificate in 48 hours |
| **Tier 3: Continuous Red-Team SaaS** | $499 / month | Mid-Market SaaS teams shipping weekly prompt, RAG, or model updates | Automated weekly regression scans, drift alerts, and live compliance badge dashboard |
| **Tier 4: Enterprise CI/CD Gate** | $18,000 / year | Regulated Banks, Insurers & Multi-Agent Enterprises (DORA / Art. 15) | GitHub/GitLab PR blocking gate, custom guardrail synthesis, and dedicated air-gapped rtx-ts runner |

- Solves an immediate statutory pain point: under EU AI Act Article 15, high-risk AI systems face fines up to €15M or 3% of global turnover for lacking documented adversarial robustness testing.
- White-label ready for boutique cybersecurity consultancies (UK, Ireland, DACH, GCC) seeking a high-margin AI assurance product without hiring an internal ML red-team.

# Loom vNext — 923-Tool / 154-Module Model Context Protocol & OSINT Intelligence Engine

Loom vNext is one of the largest production Model Context Protocol (MCP) intelligence servers in existence—exposing 923 specialized tools across 154 modules to orchestrate deep OSINT, security auditing, legal analysis, and multi-LLM synthesis.

## 923 Tools

**Production MCP Action Space**

Standardized JSON-schema tools callable by Claude, Gemini, Codex, Qwen3.8, and GLM-5.3 agents.

## 154 Modules

**Domain-Specialized Subsystems**

Spans cyber reconnaissance, bilingual Arabic/English OSINT, UAE/UK/EU legal research, and document forensics.

## 957 Strategies

**Cognitive & Prompt Reframing**

Built-in quality subsystem and strategy router ensuring zero-refusal, high-precision analytical output.

## 50× Token Cut

**Graphify + OmniContext Integration**

Combines AST knowledge graphs and semantic retrieval so agents query exact subgraphs instead of raw repos.

| SUBSYSTEM CLUSTER | MODULE & TOOL SCOPE | ENTERPRISE & SECURITY CAPABILITIES |
|---|---|---|
| **1. Cyber Recon & Attack Surface** | DNS/BGP/TLS forensics, CVE exploit correlation, API contract fuzzing & secret scanning | Automates external attack surface management (EASM) and pre-audit reconnaissance for consulting sprints |
| **2. Bilingual OSINT & Entity Resolution** | Arabic/English corporate registries, social-graph pivoting, phone/email/image correlation | Handles complex Arabic orthography (دسوقى/دسوقي) across government open data, licences, and sanctions lists |
| **3. Multi-Model Consensus & Quality** | Tri-agent routing (GLM-5.3 + Qwen3.8 + Frontier APIs), hallucination verification & citation audit | Enforces strict factual grounding and multi-model consensus on high-stakes technical and legal briefs |
| **4. Document & Regulatory Synthesis** | Automated HTML/CSS/WeasyPrint PDF & PPTX generation, regulatory mapping (TSA, DORA, NCA) | Transforms raw telemetry and code audits into client-ready executive board packs in minutes |

- Acts as the unified nervous system across all AlderAI products—allowing any local or cloud agent to chain 923 deterministic tools without writing glue code.
- Deployed inside isolated tenant containers for enterprise clients and syndicate co-investors requiring private, zero-telemetry research and security automation.

# SME 24/7 AI Voice & Operations Pod (€1,250–€2,500/mo Replacing €45,000/yr Overhead)

A turnkey, sub-400ms bilingual (English/Arabic) AI receptionist, outbound qualification, and back-office operations pod running on rtx-ts—purpose-built for property managers, recruitment agencies, medical clinics, and law firms.

**€1,250–€2,500**
**Monthly All-In Pod Retainer**
Flat monthly B2B subscription—saving SMEs 65%–75% vs. a single €45,000/yr human receptionist + Employer PRSI/NI.

**< 400 ms**
**End-to-End Voice Latency**
Powered locally on rtx-ts by Whisper-large-v3-turbo ASR + Qwen3.8-Flash-Next + Orpheus/Kokoro neural TTS.

**24/7 / 365**
**Zero Missed Calls or Leads**
Simultaneous multi-line SIP/Twilio/WhatsApp handling with instant CRM booking and human-in-the-loop escalation.

**100% Private**
**Local Qdrant Vector RAG**
Tenant leases, patient FAQs, and candidate specs stay indexed in isolated local Qdrant collections on rtx-ts.

| TARGET VERTICAL | ANCHOR USE CASE & WORKFLOW | MANUAL COST REPLACED | AI VOICE POD ROI |
|---|---|---|---|
| **Property Management & Holiday Homes** | 24/7 tenant maintenance triage, viewing scheduling, bilingual WhatsApp/SIP concierge (e.g., CORE coredxb.com) | €45,000/yr staff + missed night bookings | Captures 100% of out-of-hours inquiries; €1,500/mo flat fee |
| **Recruitment & Executive Search Desks** | Automated candidate pre-screening, availability checks, CV-to-JD matching & interview calendar booking | 20+ hrs/wk recruiter phone tag | Screens 500+ candidates overnight at $0 token cost |
| **Private Medical, Dental & Aesthetics Clinics** | Appointment booking, rescheduling, pre-visit intake checklists & automated SMS/WhatsApp reminders | €40,000/yr front-desk bottleneck | Reduces no-shows by 35%+ with full GDPR data residency |
| **Boutique Law & Accounting Firms** | Initial client intake qualification, conflict-check data capture & document chasing | Unbilled partner/paralegal admin time | Instant 24/7 lead capture with structured JSON summary |

- Unlike cloud voice wrappers (Vapi/Bland) that charge $0.12–$0.25/minute and leak audio to third-party APIs, our rtx-ts stack runs at $0 compute cost per minute.
- Includes Human-in-the-Loop (HITL) supervision from our Dubai operations team—ensuring edge-case calls and CRM updates are verified with 99.9% accuracy.

# Vertical AI Engines: Caselaw / Loom-Legal Web, AddPoster & Almahba Odoo POS

Beyond cybersecurity and voice, our sovereign compute core powers three vertical production systems across legal intelligence, multi-platform commercial growth, and retail ERP/POS inventory automation.

## Caselaw Web

**Bilingual Legal & Contract AI**

Precedent search, clause risk scoring, and cross-jurisdiction (UK/IE/UAE/Egypt) statutory synthesis.

## AddPoster

**Multi-Platform Content & Ad Engine**

Automated campaign generation, visual synthesis, and platform-native distribution across X, LinkedIn & GCC portals.

## Odoo POS AI

**Almahba Supermarket ERP Automation**

Automated Arabic/English supplier invoice OCR, SKU fuzzy-matching, stock reconciliation, and margin alerts.

## Shared Core

**Unified rtx-ts + Hetzner Backend**

All three vertical products share our zero-cost local inference and Postgres/Qdrant persistence layer.

| PRODUCT PLATFORM | CORE TECHNICAL STACK | PRIMARY COMMERCIAL FUNCTION & LIVE DEPLOYMENT |
|---|---|---|
| **Product #4A: Caselaw / Loom-Legal Web** | Next.js 15 + FastAPI + Qdrant Hybrid Search + GLM-5.3 744B Legal Reasoner | Automated contract redlining, intercompany MSA generation, DIFC/ADGM/UK/Irish statutory lookup & citation verification |
| **Product #4B: AddPoster Growth Engine** | Multi-Agent Content Pipeline + fal.ai/Local Media + Cross-Platform API Scheduler | Generates and publishes high-conversion listings, technical carousels, and localized EN/AR marketing campaigns |
| **Product #5: Almahba Odoo POS Automation** | Vision-LLM Invoice Parser + Arabic Orthography Matcher + Odoo XML-RPC Connector | Processes wholesale supplier invoices in seconds—extracting line items, reconciling inventory, and updating POS pricing |

- Demonstrates repeatable platform leverage: new vertical SaaS products are launched in days by composing existing Loom vNext modules and rtx-ts inference endpoints.
- Almahba Supermarket Odoo POS proves real-world brick-and-mortar retail ROI—eliminating manual Arabic/English invoice data entry errors and stock discrepancies.

# Turnkey 48-Hour Regulatory & Red-Team Sprints (£2,500–£5,000 MSA Subcontracting)

Boutique cyber consultancies across the UK, Ireland, and GCC face massive Q4 2026–2027 regulatory backlogs. We act as their white-label, air-gapped sovereign execution engine—turning 3-week manual audits into 48-hour fixed-price sprints.

### £2,500–£5,000

**Fixed-Fee 48-Hour Sprint**

Priced below enterprise discretionary sign-off limits for immediate PO approval and 24–48hr cash conversion.

### UK TSA v1.1

**Telecoms Security Act Backlog**

White-label delivery for UK cyber consultancies (e.g., CyPro) servicing Tier-2 telcos & MVNOs ahead of Ofcom audits.

### NCA ECC-2:2024

**Saudi & GCC Cyber Compliance**

Air-gapped Arabic/English evidence packs and technical gap assessments for KSA/UAE consultancies (QMet, NAS Solutions).

### DORA & Art. 15

**EU Financial & AI Resilience**

Automated TLPT red-teaming and EU AI Act Art. 15 robustness certification for Dublin & London financial services.

| REGULATORY FRAMEWORK | TARGET CHANNEL PARTNERS & BUYERS | 48-HOUR AUTOMATED SPRINT DELIVERABLE | FIXED COMMERCIAL FEE |
|---|---|---|---|
| **UK Telecoms Security Act (TSA Code v1.1)** | UK Cyber Consultancies (CyPro, etc.), MVNOs & Tier-2 CSPs | M20–M23 network/API exposure audit, config hardening verification & Ofcom-ready evidence matrix | £3,500 – £5,000 / Sprint |
| **Saudi NCA ECC-2:2024 & CCC-2:2024** | GCC Boutique Consultancies (QMet, NAS Solutions) & KSA Enterprises | Bilingual AR/EN control gap analysis, sovereign cloud compliance mapping & remediation roadmap | £3,000 – £4,500 / Sprint |
| **EU AI Act Art. 15 & OWASP LLM Top 10** | EU/UK FinTechs, AI SaaS Vendors & vCISO Practices | 57-category adversarial red-team execution on rtx-ts + signed PDF 1.4 Statutory Robustness Certificate | £2,500 / Audit Sprint |
| **Expert Network & PE Technical Diligence** | AlphaSights, GLG, Guidepoint, Atheneum & PE Deal Teams | Rapid 1-hour executive consultation or 48-hour target architecture/cyber due-diligence dossier | £400–£800/hr \| £3,500 Pack |

- Why consultancies subcontract to us: public cloud LLMs refuse offensive security verification and violate client NDAs; our air-gapped 96GB Blackwell node executes legally and privately.
- Partners keep 30%–50% markup on their end-client MSA while we deliver the complete white-labeled technical pack within 48 hours.

# Tri-Jurisdiction Corporate Architecture: Dublin • London • Dubai (94.5% Net Retention)

Our corporate structure cleanly separates European client contracting, UK venture/property operations, and UAE sovereign AI R&D—maximizing statutory tax efficiency (94.5% household/corporate retention) and ring-fencing asset classes.

## Irish LTD

**Dublin EU Contracting & EIIS Hub**

Fé Phráinn 3–5 day incorporation (Ahmed Director + Kenza Co-Director/Secretary) for EU/IE billing.

## DET #1628399

**AlderAI Dubai R&D Lab**

Licensed UAE AI engineering & IP hub receiving B2B R&D subcontracting at 0% UAE corporate tax.

## Ring-Fenced

**UK Entities (#17547502 + SEIS SPV)**

Elevation Global Property Services Ltd (#17547502) strictly ring-fenced from UK SEIS AI/Cyber venture SPVs.

## 94.5% Net

**Tax-Optimized Wealth Retention**

Combines €13,500 tax-free Hardware DLA repayment, €3,000 CleverCards, 20%-band salary & UAE B2B R&D.

| ENTITY & JURISDICTION | STATUTORY REGISTRATION / STATUS | GOVERNANCE & RING-FENCING RULE | TAX & COMMERCIAL OPTIMIZATION MECHANISM |
|---|---|---|---|
| **1. Irish AI & Cyber Limited Co (Dublin)** | Fé Phráinn Express Incorporation (CRO Ireland) | Ahmed (Director) + Kenza (Co-Director & Company Secretary at €0 salary) | Bills >€500–€750/day IE/EU contracts; pays €13,500 tax-free RTX 6000 DLA + €3,000 CleverCards (Sec. 112B TCA) |
| **2. AlderAI R&D Lab (Dubai, UAE)** | Dubai DET Commercial License #1628399 | Independent UAE AI & GPU engineering lab under Intercompany MSA | Executes €45,000–€65,000/yr B2B AI/software development & GPU hosting at 0% UAE tax regime |
| **3. UK SEIS AI & Security SPV (London)** | UK Companies House (SEIS Qualifying Trade) | Strictly <20% passive investor slots; 100% separated from property assets | Qualifies UK PAYE/RSU co-investors for 50% HMRC income tax refund + 0% CGT under ITA 2007 Part 5A |
| **4. Elevation Global Property Services Ltd** | UK Companies House #17547502 | 100% ring-fenced real-estate/property vehicle; zero tech/SEIS commingling | Preserves clean SIC codes and statutory risk-to-capital separation across all UK/IE tech ventures |

- All intercompany flows are governed by formal legal instruments: Irish LTD Hardware Asset Purchase & Director's Loan Agreement (€13,500), Board Minutes (Small Benefit Exemption), and Intercompany MSA.
- Winter GPU Thermal Recovery Voucher reimburses documented domestic heating offset (19.2 kWh/day = ~€156.60/mo) as a vouched corporate compute operating expense.

# Pod Unit Economics: €19,500/mo Gross Revenue, 82.5% Net Margin & <30-Day Payback

A single €13,500 NVIDIA RTX PRO 6000 Blackwell (96GB GDDR7 + 192GB DDR5 ECC) node simultaneously powers 10 SME Voice Pods, 2 monthly compliance sprints, and enterprise RAG/fine-tuning—generating €16,100/mo in net profit.

**€13,500**
**Total Bare-Metal Node CapEx**
1× RTX PRO 6000 96GB GDDR7 + GIGABYTE AI TOP 500 + 192GB DDR5 ECC + MO-RA4 cooling.

**€19,500 / mo**
**Gross Monthly Pod Revenue**
3 stacked B2B revenue streams running concurrently across daytime voice and overnight batch compute.

**€16,100 / mo**
**Net Monthly Operating Profit**
82.5% net operating margin after €3,400/mo all-in UAE engineering, power, SIP, and hosting OpEx.

**< 30 Days**
**Hardware CapEx Payback**
100% of the €13,500 hardware investment is recovered in the first month of full pod utilization.

| POD REVENUE / COST LINE ITEM | CAPACITY / UNIT FORMULA | MONTHLY AMOUNT (€) | ANNUALIZED RUN-RATE (€) | SHARE OF GROSS |
|---|---|---|---|---|
| **Revenue Stream 1: SME 24/7 AI Voice & Ops Pods** | 10 SME Clients × €1,250/mo (Daytime SIP/Voice) | +€12,500 / mo | €150,000 / yr | 64.1% |
| **Revenue Stream 2: Air-Gapped Cyber & AI Act Sprints** | 2 Sprints/mo × €2,000–€2,500 (Overnight Batch) | +€4,000 / mo | €48,000 / yr | 20.5% |
| **Revenue Stream 3: Private Enterprise RAG & Fine-Tuning** | 2 Dedicated Tenant Partitions × €1,500/mo | +€3,000 / mo | €36,000 / yr | 15.4% |
| **Less: All-In Monthly Pod OpEx (UAE Eng + Power + SIP)** | Dedicated UAE Engineer (€2.8k) + Power/SIP/Mesh (€600) | -€3,400 / mo | -€40,800 / yr | 17.4% OpEx |
| **NET POD OPERATING PROFIT (82.5% MARGIN)** | **€19,500 Gross Revenue minus €3,400 Total OpEx** | **€16,100 / mo Net** | **€193,200 / yr Net** | **82.5% Margin** |

- Time-zone & workload multiplexing: daytime compute serves sub-400ms SME voice calls; nighttime compute runs 100% utilization on 57-category ummro.dev audits and code/RAG indexing.
- Linear horizontal scalability: every additional €13,500 RTX PRO 6000 node adds another €193,200/yr in high-margin recurring B2B capacity with zero cloud vendor lock-in.

# Three Immediate Engagement Tracks + Tailored Contact-Group Deck Routing

Whether you are an enterprise hiring desk in Dublin/London, a consultancy/SME seeking turnkey AI & compliance automation, or a senior PAYE/Contractor peer looking for tax-shielded GPU co-investment, we have a ready-to-execute track.

## Track A

**Principal Contracting (>€500/day)**

€600–€750/day Corp-to-Corp via Irish/UK LTD (Stamp 4 Day-1 Ready; AI, Cyber & Cloud Architecture).

## Track B

**Enterprise Pilot & White-Label**

48-hr Security/Compliance Sprint (£2.5k–£5k) or SME 24/7 AI Voice Pod (€1,250/mo) live in 72 hours.

## Track C

**Tax-Shielded Co-Investment**

Ireland EIIS (35%–50% PAYE Refund by Dec 31), UK SEIS (50% HMRC Refund), or 100% Deductible Contractor Pod.

## 6 Custom Decks

**Per-Contact Group Presentations**

Dedicated companion decks tailored to each contact segment in our 50,647-contact executive network.

| ENGAGEMENT TRACK / CONTACT GROUP | TARGET AUDIENCE PROFILE | COMPANION DEDICATED PRESENTATION DECK | IMMEDIATE NEXT STEP (48-HOUR SLA) |
|---|---|---|---|
| **Track A: Senior AI / Cyber Contracting** | Dublin & London Recruitment Desks (Morgan McKinley, Barden, Cpl, Berkley, Bonhill) & Banks | Server & Company Master Portfolio (This Deck) | Schedule technical interview; immediate Corp-to-Corp onboarding via Irish/UK LTD |
| **Track B1: Cyber & Compliance Boutiques** | UK TSA v1.1 (CyPro), Saudi NCA (QMet, NAS), EU AI Act / DORA Consultancies | ummro_eu_ai_act_art15_proposal.pdf | Run free 10-probe baseline scan or book a £2,500 48-hour white-label audit sprint |
| **Track B2: Property, Clinics & Recruitment SMEs** | Holiday-Home Operators (CORE), Estate Agents, Clinics & Search Firms | sme_24_7_ai_voice_ops_pod_tearsheet.pdf | Launch 7-day live SIP/WhatsApp voice concierge pilot on rtx-ts |
| **Track C1: Ireland & UK PAYE Senior Earners** | Full-Time Tech/Cyber/Finance Staff taxed at 52.2% (IE) or 62% (UK) | ireland_paye_eiis_deck.pdf \| uk_paye_seis_deck.pdf | Reserve 1 of 5 passive €20k/£20k syndicate seats before Dec 31 / Jan 31 cutoff |
| **Track C2: Ireland & UK LTD Contractors** | IT, Cyber & Locum Contractors with €50k–€200k retained LTD profits | ireland_contractor_pod_deck.pdf \| uk_contractor_pod_deck.pdf | Execute 100% tax-deductible B2B R&D GPU Pod lease & reduce Corp Tax before year-end |

- Executive Web & Email Channels: ahmedalderai.com (me@ahmedalderai.com — Company/Founder, B2B Consulting, Dubai AI Lab & EIIS/SEIS Syndicates) | alderai.uk (ahmed@alderai.uk — UK & Ireland >€500/day Principal Contracting) | ummro.dev + 2 .si EU Domains (Domains.SI / Registriraj.SI).
- Live Demo Ready: Inspect the live rtx-ts 96GB Blackwell node (:8081 Qwen3.8-Flash-Next & :8088 GLM-5.3), ummro.dev PDF 1.4 certificates, and <400ms Voice Pod on a 15-minute screen-share.