graph TB

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%% TOP-LEVEL IA / SITEMAP

%% =======================

HOME([HISL · Home / Landing])

HOME --- GLOBE[/Where Your Prompts Go/]

HOME --- DEPLOY[/Deploy Agents · IntegAI Platform/]

HOME --- NEWS[/Live News/]

HOME --- ABOUT[/About/]

HOME --- CONTACT[/Contact/]

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%% LANDING (SECTIONS)

%% =======================

subgraph L0[Landing / Home]

direction TB

HERO[[Hero · Full-bleed]]

HERO --- H1["Headline: \*\*AI + Human… with soul.\*\*"]

HERO --- H2["Sub: Sovereign AI agents that respect your data, privacy, and humanity."]

HERO --- HCTA1(("Primary CTA: \*\*Start a Demo\*\* → scroll to Chat Preview"))

HERO --- HCTA2(("Secondary CTA: \*\*Explore the Globe\*\* → /globe"))

HERO --- HBG[/Subtle DNA / Human-AI silhouette backdrop/]

CAPS[[Capabilities + MiniGlobe (2-col)]]

CAPS --- C1["On-prem & air-gap-ready orchestration"]

CAPS --- C2["Local-first (EU sovereignty)"]

CAPS --- C3["Auditable by design (immutable logs)"]

CAPS --- C4["GDPR / NIS2 aligned"]

CAPS --- C5["Why Ravens: truth-seeking memory & foresight"]

CAPS --- CMG[(MiniGlobe: small rotating sphere · gold accents)]

FEAT[[Features Grid]]

FEAT --- F1["ComplianceGuard — GDPR/NIS2 compliance"]

FEAT --- F2["DataSovereign — Local-first processing"]

FEAT --- F3["PrivacyShield — E2E encryption"]

FEAT --- F4["AuditTrail — Transparent decision logging"]

FEAT --- F5["EthicsCore — Human-aligned behaviour"]

FEAT --- F6["SecureComms — Encrypted agent comms"]

FEAT --- F7["DocuGenie — On-prem document intelligence"]

FEAT --- F8["BuildLens — Construction ops insight"]

ETHOS[[Poem / Ethos Panel]]

ETHOS --- EBG[/Background: reach\_stars.png (faint)/]

ETHOS --- EP["“Then prove we now with best endeavour, what from our efforts yet may spring, he justly is despised who never, did thought to aid his labours bring; for this is Art’s true indication, when skill is minister to thought, when types that are the mind’s creation — the hand to perfect form has wrought.”"]

CHAT[[Chat Preview (Simulation)]]

CHAT --- CI[(Input field + Send)]

CHAT --- CO[[Output JSON: runId · promptHash · responseHash · text]]

CHAT --- CB[Badge: “IntegAI Simulation Mode”]

FOOT[[Footer]]

FOOT --- FL[HISL logo + tagline “Smart Solutions, Solid Foundations”]

FOOT --- FR["© 2025 · Reg. No. 786214"]

FOOT --- FLinks[Links: Substack · LinkedIn]

end

HOME --> HERO --> CAPS --> FEAT --> ETHOS --> CHAT --> FOOT

%% =======================

%% GLOBE PAGE (FEATURE)

%% =======================

subgraph G0[Where Your Prompts Go · Interactive Sovereignty Visualizer]

direction LR

GL\_LEFT[[Left Controls + Output]]

GL\_LEFT --- GL\_IN[(Prompt textarea)]

GL\_LEFT --- GL\_RUN(("Run Simulation"))

GL\_LEFT --- GL\_OUT[[Output panel: text + metrics]]

GL\_LEFT --- GL\_BADGE[Badges: IntegAI Simulation · runId · hashes]

GL\_LEFT --- GL\_MET["Energy estimate (Wh), tokens, hops"]

GL\_RIGHT[[Right · 3D Globe Canvas]]

GL\_RIGHT --- GL\_CANVAS[(Three.js Canvas + atmosphere shader)]

GL\_RIGHT --- GL\_PINS[Data-centre pins / heatmap overlay]

GL\_RIGHT --- GL\_PULSES[Great-circle pulse lines per hop]

GL\_RIGHT --- GL\_RAVENS[Huginn & Muninn — distinct gold orbits]

GL\_RIGHT --- GL\_LEG[Legend: Primary / Backup · Region/Jurisdiction]

GL\_IN --> API\_GSIM[/POST /api/integai/simulate/]

API\_GSIM --> GL\_OUT

end

GLOBE --> G0

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%% DEPLOY / AGENTS

%% =======================

subgraph D0[IntegAI Agent Deployment Platform]

direction TB

D\_FORM[[Org/Sector Intake Form]]

D\_FORM --- DF1[Organisation / Sector / Size]

D\_FORM --- DF2[OS / Network / Integrations]

D\_FORM --- DF3[Privacy & Data residency preferences]

D\_FORM --- DF4[Targets & Constraints]

D\_ASSESS(("Assess & Simulate"))

D\_RESULT[[Result: Feasibility, Plan phases, Summary, requestHash]]

D\_FORM --> API\_DASSESS[/POST /api/integai/assess/]

API\_DASSESS --> D\_ASSESS --> D\_RESULT

end

DEPLOY --> D0

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%% LIVE NEWS

%% =======================

subgraph N0[Live AI & Infrastructure News]

direction TB

NQ[(Search query)]

NFETCH[/GET /api/news/search (Grok proxy)/]

NRES[[Results list: title · snippet · source → links]]

NQ --> NFETCH --> NRES

end

NEWS --> N0

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%% ABOUT / CONTACT

%% =======================

subgraph A0[About]

direction TB

AB1[Michael Bio]

AB2[IntegAI Bio]

AB3[Ethos panel + poem over reach\_stars.png]

end

subgraph C0[Contact]

direction TB

CF[(Form: Name, Email, Org, Message)]

CC[[Thanks / Confirmation]]

CF --> CC

end

ABOUT --> A0

CONTACT --> C0