ONE FABRIC FIELD ATLAS

22 RESEARCH & PRODUCT DOMAINS • CANONICAL AUTHORITY • TESTABLE NEXT ACTIONS



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Evidence boundary: actual completed work, historical sources and future goals remain separate. This package is not a live system audit, scientific certification, investment offering, or completed film.

This research atlas makes no claim that all subsystems are implemented. It intentionally distinguishes architecture, dated evidence and one bounded next verification step in each domain.

01 AGENT ORCHESTRATION

MISSION & BOUNDARY: FlashTM8 Agent coordinates bounded providers rather than surrendering the owner root to any model. Capability leases bind operation, scope, identity and expiry.

OBSERVED / HISTORICAL: Source fragments, gateway concepts and related agent integration PRs are preserved; synchronized live multi-agent acceptance remains unverified.

NEXT VERIFIABLE STEP: Run a signed, least-privilege one-task demonstration with timeout, source hash and deny-case evidence.

02 MODEL RESEARCH & SPARK

MISSION & BOUNDARY: Separate classifiers, small language models, embeddings and foundation providers by architecture and capability. Select models by measurable task suitability, not popularity.

OBSERVED / HISTORICAL: SPARK research and local S22 candidates are historical; full own-model parity or AGI not established.

NEXT VERIFIABLE STEP: Publish a reproducible local-versus-remote latency, accuracy, memory and cost matrix.

03 MEMORY & PROVENANCE

MISSION & BOUNDARY: Versioned facts distinguish remembered claims from attestations. Build retrieval with source links, temporal validity, conflict preservation and explicit forgetting controls.

OBSERVED / HISTORICAL: Historical handoffs and source atlases exist, but perfect estate coverage remains unproven.

NEXT VERIFIABLE STEP: Demonstrate conflict-aware retrieval on seeded contradictory documents.

04 IDENTITY & CUSTOMER ISOLATION

MISSION & BOUNDARY: Every customer starts with an isolated 8x8_ID tenant; the owner retains an unshared private root. OAuth grants are resource-scoped and revocable.

OBSERVED / HISTORICAL: Gate2/3 design and review code exist; production authentication and tenant isolation require acceptance.

NEXT VERIFIABLE STEP: Test forbidden cross-tenant reads and expired grants under live deployment.

05 DEVICES & REMOTE EXECUTION

MISSION & BOUNDARY: Native APIs, structured selectors and accessibility trees take precedence over visual coordinates. Device screen, storage, shell and sensors require distinct grants.

OBSERVED / HISTORICAL: Samsung, HP, Chromebook and staged iPhone evidence is mixed and time-bound; an online node is not a productive agent.

NEXT VERIFIABLE STEP: Prove one opt-in bounded task per supported device with before/after receipt.

06 AUTOMATION & N8N

MISSION & BOUNDARY: One HP-hosted n8n environment can act as workflow participant inside the fabric, not a second command hierarchy.

OBSERVED / HISTORICAL: User-visible n8n green-node execution and local UI were reported on HP; this is not cloud access for the present session.

NEXT VERIFIABLE STEP: Bind an n8n workflow to reviewed input/output schemas and idempotent handoff.

07 KNOWLEDGE & LEARNING

MISSION & BOUNDARY: Turn external links, lectures, videos and research into attributed source cards with rights checks, extraction quality and versioned derived conclusions.

OBSERVED / HISTORICAL: Historical URL inventories exceed 900 distinct entries in a dated census, not proof that every asset was fully watched or processed.

NEXT VERIFIABLE STEP: Verify 10 curated sources with excerpts, licenses, and reproducible summaries.

08 CYBERSECURITY & CRYPTOGRAPHY

MISSION & BOUNDARY: Deny by default; isolate secrets in a broker; use authenticated identity, immutable audit trails and expiring capability handles.

OBSERVED / HISTORICAL: Security contracts and unit tests are partial evidence, not penetration-tested protection.

NEXT VERIFIABLE STEP: Obtain third-party assessment of tenant boundaries and stop-state dominance.

09 RECOVERY & BACKUPS

MISSION & BOUNDARY: Count independent verified copies, source hashes and actual restore tests. Preserve historic/dormant versions and avoid destructive reconciliation.

OBSERVED / HISTORICAL: Cross-device and storage evidence exists with gaps in restoration and full-estate coverage.

NEXT VERIFIABLE STEP: Perform one harmless canary restore to a scratch path, compare exact hashes and document rollback.

10 PUBLIC WORLD & UX

MISSION & BOUNDARY: Accessible responsive world surfaces distinguish preview, test, draft, live and verified by actual provider readback.

OBSERVED / HISTORICAL: Public Wix and legacy Vercel surfaces have dated reachability evidence; current integrated Gate 3 is unknown.

NEXT VERIFIABLE STEP: Run device/browser accessibility and denied-session acceptance tests.

11 STUDIO / FILM / AUDIO

MISSION & BOUNDARY: Treat script, storyboard, generated frames, edited master, captions and public posting as separate release stages.

OBSERVED / HISTORICAL: First Blink, ORIGINS, Planet Earth and 8:08 have heterogeneous historical releases and drafts.

NEXT VERIFIABLE STEP: Produce a rights-cleared 15-second teaser and record technical/media QA.

12 BOOKS & LITERARY EDITIONS

MISSION & BOUNDARY: Canonical manuscripts maintain edition/author/rights metadata. Public-safe derivative copies do not supersede owner originals.

OBSERVED / HISTORICAL: Books 1–14 and ORIGINS titles have multiple records and editions. Not all are verified public full manuscripts.

NEXT VERIFIABLE STEP: Audit Book 1–14 registry by exact source, edition checksum and actual publication URL.

13 EDUCATION & DIGITAL SAFETY

MISSION & BOUNDARY: Teach source evaluation, data privacy, scam resistance, accessibility and literacy with clear nontechnical language.

OBSERVED / HISTORICAL: Public safety and narrative posts were published in dated channel records.

NEXT VERIFIABLE STEP: Create one multilingual accessible module and measure completion, not just impressions.

14 TRADING & MARKET INTELLIGENCE

MISSION & BOUNDARY: Keep signal discovery, realistic paper simulation, cost/risk accounting and funded execution on separate gates.

OBSERVED / HISTORICAL: Paper council tests and other historical venue data are not live funded trading or profitable results.

NEXT VERIFIABLE STEP: Replicate a cost-aware paper trial on held-out data with full performance accounting.

15 PAYMENTS & MEMBERSHIP

MISSION & BOUNDARY: Disclose what exists, terms, refunds, access, jurisdiction and taxes before charging. Avoid unverified promises about rewards.

OBSERVED / HISTORICAL: Historical subscription product definitions exist; current checkout/entitlement acceptance is not established.

NEXT VERIFIABLE STEP: Test public product descriptions against actual checkout, payment status and entitlement responses.

16 BLOCKCHAIN & NFT / SPATIAL MEDIA

MISSION & BOUNDARY: Treat collectible design, ownership evidence, storage, rendering and real-world projection as distinct requirements.

OBSERVED / HISTORICAL: NFT Vault, 8x8 coin, staking/mining and projections are proposed/researched, not a verified operating mainnet economy.

NEXT VERIFIABLE STEP: Build a static non-minting 3D asset showcase with content rights and performance budget.

17 ROBOTICS & XR

MISSION & BOUNDARY: Agent avatars and models may be presented on screens or, with hardware, XR, projection or owned robots. Every physical motion has a separate safety permission.

OBSERVED / HISTORICAL: Concepts for eyewear, drones and robot interaction are not proof of available devices or authorized movement.

NEXT VERIFIABLE STEP: Simulate a human-supervised avatar session with an explicit stop control.

18 PLANET EARTH & SCIENCE

MISSION & BOUNDARY: Support environmental literacy and validated experiments without pretending speculative models are measured real-world impact.

OBSERVED / HISTORICAL: A historical Planet Earth film exists; impact on climate, energy or institutions is unverified.

NEXT VERIFIABLE STEP: Pick one public-source dataset and document uncertainty, measurement, cost and possible outcomes.

19 MARKETS / COMMERCE / GAMES

MISSION & BOUNDARY: Use ordinary consumer protections and product truthfulness. Games and marketplaces should never bypass a customer tenant boundary.

OBSERVED / HISTORICAL: Site components, ideas and storefront registration do not establish current orders, licensing or fulfillment.

NEXT VERIFIABLE STEP: Test one no-payment demonstration user journey and accessibility.

20 METRICS / BENCHMARKS

MISSION & BOUNDARY: Use named evaluations, frozen task counts, competing reference results, cost, hardware, raw results and expiration conditions.

OBSERVED / HISTORICAL: AGI, RSI and universal Top-1 are unverified. Historical scorecards are not whole-system live scores.

NEXT VERIFIABLE STEP: Publish an independently runnable benchmark packet and allow failures to lower the measured score.

21 DISTRIBUTION & LOCALIZATION

MISSION & BOUNDARY: Global communication is pluralistic, opt-in and consentful. Translate with regional review, alt text and accessible formats; do not impersonate organizations.

OBSERVED / HISTORICAL: Connected publishing channels have some historical successful posts; no worldwide delivery census exists.

NEXT VERIFIABLE STEP: Ship one English announcement plus accessible translations, then measure each platform receipt.

22 GOVERNANCE & FUTURE RESEARCH

MISSION & BOUNDARY: The founder retains ultimate accountable authority. Public customers receive transparent features and revocation rather than unlimited autonomous powers.

OBSERVED / HISTORICAL: Constitutional source documents exist; enforcement acceptance remains feature-specific.

NEXT VERIFIABLE STEP: Establish a public accountability and incident-response contact path.

CLAIM & AUTHORITY CONTRACT

PRESERVE PAST / PROVE PRESENT / GATE FUTURE. A registered tool is not a granted tool; a running process is not a productive task; a model benchmark is not a universal rank. Never merge creative fiction with public system capability claims.