PAISFC SPACE CONSTELLATION MISSION COMPILER

From the First Star in the Universe to Deep Space: Full Story Dataset, Physical Solution Compiler & Mobile Thumb-Swipe Agent Scenario

Autonomous Sovereign Builder Specification grounded in Yacine Benhamou's conceived narrative canon ('The Rule of the Game' & 6 Constellation Chronicles). Every swipe and every mission compiles AI agent intelligence into verified, human-governed PHYSICAL-WORLD SOLUTIONS across 8 Space Constellations, 32 Logical Factories, 12 B2B Sectors, 6 Physical Devices, and 919 Canonical Production URLs.

System Dimension	Verified Scale	Physical & Operational Realization
Space Constellations	8 Constellations (I -> VIII)	From Earth's First Star (LEO/Mesh) to Cislunar Forge, Bio-Dome, Orion Shield & Deep Space.
Chosen World Mode	UTOPIAN_SOLARIS (Primary) + DYSTOPIAN_RESCUE	Harmonious regenerative abundance chosen as primary mode, with 1-tap crisis-recovery toggle.
Story Canon Dataset	7 Laws / 47 JSONL Records	Distilled from Book 01 'The Rule of the Game' + Vol. 1-6 Chronicles (100% Zero-PII compliant).
First Gaming Scenario	'SUMMON FLEET' (16 Cards EN/FR)	Mobile-first thumb-swipe PWA teaching anyone THINK -> ACT -> VERIFY -> PHYSICAL agent mastery.
Websites & URL Mesh	919 Canonical / 3,900 Total URLs	prime-ai.fr (235), yace19ai.com (163), amlazr.com (502), mcp.prime-ai.fr (19) fully explained.
Hardware & Safety Gate	6 Devices | EUR 0.00 Public Cap	M4 Max, iMac, Pi5, NAS, Bastion VPS, Mobile Deck; 12-step cap; HITL human authority gate.

1. Dialectical World Choice: Why Utopian Solaris Leads (With Eclipse Rescue Ready)

Mode ID	Philosophy & Ethos	Compiled Physical Output
UTOPIAN_SOLARIS (Primary Choice)	Co-creative stewardship where sovereign AI agents amplify human judgment to build clean fusion microgrids, rare-disease therapeutics, biophilic habitats, and universal Socratic mastery.	Clean solar/fusion microgrids, rare-disease wet-lab protocols, Socratic multilingual classrooms, open EUR 0 tools.
DYSTOPIAN_RESCUE (Live Toggle)	High-pressure crisis intervention against black-box AI hallucinations, rumor trials, grid blackouts, and supply-chain collapse -- restoring verified truth and physical infrastructure.	Rumor-bot immunization, air-gapped water/hospital PLC shields, offline 0.5B/26-byte failover, cold-chain rerouting.

2. Story Canon Dataset: 'The Rule of the Game' & 6 Constellation Chronicles

Recovered from Yacine Benhamou's conceived manuscripts and transformed into a 7-stage deterministic Mission Compiler contract. Strict editorial safeguards are enforced: universal philosophical axioms only, zero personal photos, zero minor/third-party PII.

Canon ID & Work	Narrative Axiom	Compiler Stage & Agent Law	Physical Anchor
CANON-01-RULE-OF-THE-GAME (The Yace Chronicles -- Book 01: The Rule of the Game)	Debug the Story (Observation Over Rumor): I can build models. I cannot outsource my judgment. Rumor is not evidence; a screenshot is not full context.	STAGE_1_INPUT_AND_LOG -> Separate observable INPUT and verified LOG from unverified HYPOTHESIS before acting.	Cryptographic SHA-256 evidence ledgers & Sovereign Owner HITL authority.
CANON-02-THE-FIRST-STAR (Constellation Chronicles -- Vol. 01: La Première Étoile)	The Crumpled First Star Still Dances: A star does not need to be perfect to dance. Pause when frustrated; iteration beats forced perfection.	STAGE_2_BOUNDED_ITERATION -> Bounded 12-step agent loops with graceful pause, retry, and human pacing.	Tier-1 Micro-Seed wake (qwen2.5:0.5b) on local M4 Max unified memory.
CANON-03-SURPRISE-STROKE (Constellation Chronicles -- Vol. 02: Le Chat et la Glace)	Turn the Stray Stroke Into a River: An unexpected slip of the pencil is not ruin -- rotate the page and discover a new architecture.	STAGE_3_GENERATIVE_REFRAMING -> Self-healing swarm rerouting (EMA alpha=0.35) transforms node faults into resilient paths.	Multi-node failover across M4 Max, iMac Workstation, Pi5 Edge, and NAS Vault.
CANON-04-MEMORY-AND-CHOICE (Constellation Chronicles -- Vol. 03: L'Écharpe des Choix)	A Memory Is Context, Never an Order: Loving yesterday's preference never removes today's right to choose differently -- or refuse capture.	STAGE_4_PRIVACY_AND_MEMORY_POLICY -> Tiered policy-governed memory: zero silent telemetry, zero unconsented capture, staging before promotion.	Local-first encrypted NAS/Obsidian vault & GDPR Art. 32 zero-cookie barrier.
CANON-05-SIX-NOT-EIGHT (Constellation Chronicles -- Vol. 04: Le Laboratoire des Questions)	Six Sides, Not Eight (Verify Confident AI): The robot answered 'eight' without hesitation. Counting the two triangles proved six. Confidence never changes reality.	STAGE_5_INDEPENDENT_VERIFICATION -> SelfPlayArena adversarial disproval: every AI output must survive deterministic physical/math verification.	ADLC V3 8-stage deterministic QA/QC & 1.28M+ adversarial test vectors.
CANON-06-SOVEREIGN-VOICE (Constellation Chronicles -- Vol. 05: La Voix Souveraine)	Revocable Consent & Rehearsed Agency: Saying yes yesterday never blocks saying no today. Good allies help you rehearse your voice instead of speaking over you.	STAGE_6_HITL_APPROVAL_GATE -> Agents draft, simulate in sandbox, and request explicit HITL sign-off before any external side effect.	Native HITL approval gates & Sovereign Full-Stop Exactitude emergency brake.
CANON-07-OPEN-CONSTELLATION-MAP (Constellation Chronicles -- Vol. 06: Deux Chemins, Une Constellation)	Leave White Space on the Star Map: Questions, not chains. The greatest constellation map leaves uncharted white space for tomorrow's creation.	STAGE_7_OPEN_HORIZON_EXPANSION -> Zero-to-One Agent & Mission Compiler synthesizes brand-new capabilities into deep space.	373+ physical deliverables (DMG/PKG/ISO/MP4/PDF) & Zero-to-One PAISFC Studio.

3. Multi-Constellation Space Progression (First Star -> Deep Space)

We begin at Constellation I (Genesis Cradle / First Convergence on Earth) and expand outward across 8 orbital and interstellar constellations. Together they govern all 32 Factories (F01..F32) and partition all 919 canonical production URLs into concrete physical-world engineering domains.

# / Constellation	Space Region & Factories	URLs	Physical-World Solution Blueprint
Constellation I - Genesis Cradle (First Star) [prime-ai.fr]	Low Earth Orbit & Terrestrial Sovereign Mesh (0.00 ly) Factories: F01, F02, F03, F04 Nodes: M4 Max Apex (:7070), Mobile PWA Thumb Deck	**137**	Physical: Personal & Municipal Cognitive Sovereignty Kit -- local offline AI workstation + verified decision ledger. Utopia: Awaken the First Star seed model so every citizen commands a private, hallucination-checked Second Brain. Rescue: Recover human decision autonomy during an algorithmic misinformation blackout.
Constellation II - Cislunar Solar Forge [amlazr.com]	Luna-Lagrange L1/L5 Orbital Foundry Ring (1.3 light-sec) Factories: F13, F14, F15, F16 Nodes: iMac Workstation (:5557), M4 Screen Agent (:5558)	**112**	Physical: Zero-Waste Micro-Factory & Safe-Envelope Robotics Cell (CAD-to-Physical MHS kinematics + deterministic QA). Utopia: Synthesize modular solar habitats and precision medical tools in local micro-factories. Rescue: Re-tool broken local fabrication lines when global supply chains fracture.
Constellation III - Cassiopeia Biosphere & Longevity [yace19ai.com]	Alpha Centauri / Proxima Bio-Dome Corridor (4.24 ly) Factories: F05, F17, F18, F19 Nodes: M4 Max 36GB Unified, 36-World SelfPlayArena	**116**	Physical: Precision Rare-Disease Differential Atlas, Regenerative Hydroponics & Clean Microgrid Controller. Utopia: Cross-verify AlphaFold structures and ClinVar evidence with human clinicians to accelerate orphan-disease care. Rescue: Stabilize life-support agriculture and hospital triage power during extreme climate grid stress.
Constellation IV - Orion Zero-Trust Aegis [amlazr.com]	Vega / Orion Shield Perimeter (25.0 ly) Factories: F21, F22, F23, F24 Nodes: Pi5 Edge Sentinel (:9999), Shadow Cyber Slices SHD-01..06	**133**	Physical: Air-Gapped Critical Infrastructure Guard (Water, Hospital & Civic Network Chameleon Mirage + GDPR Art. 32/33). Utopia: Guarantee mathematical privacy, signed SBOM supply chains, and constitutional AI rights across all nodes. Rescue: Trap live zero-day attackers inside Chameleon Mirage decoys before physical infrastructure is touched.
Constellation V - Pleiades Polymath & Avatar Agora [yace19ai.com]	Seven Sisters Open Knowledge Cluster (444 ly) Factories: F25, F26, F27, F28 Nodes: PrimeAI Avatar (:18766), Flux S2S Voice (:7072)	**135**	Physical: Multilingual Classroom-in-a-Box & Consented Voice/Avatar Accessibility Terminal for Every Age. Utopia: Empower children, elders, and creators in 40+ languages to verify facts and co-create cinema & science. Rescue: Defeat deepfake impersonation through cryptographic consent watermarks and source provenance.
Constellation VI - Lyra Harmonic Exchange [prime-ai.fr]	Lyra / Cygnus Interstellar Trade Relay (1,344 ly) Factories: F09, F10, F11, F12, F31, F32 Nodes: ZeroClaw Gateway (:9999), A2A Federation (:7074)	**119**	Physical: Transparent Cooperative Supply-Chain, Humanitarian Aid Router & Zero-Paywall B2B Deliverable Distribution. Utopia: Coordinate 12-sector physical logistics and ethical capital allocation with zero middleman extraction. Rescue: Reroute food, medicine, and emergency energy packages around blockaded corridors with HITL audit.
Constellation VII - Andromeda Recurrent-Depth Foundry [mcp.prime-ai.fr]	M31 Andromeda Intergalactic Reasoning Core (2.537M ly) Factories: F06, F07, F08, F30 Nodes: OpenMythos RDT (N=32), TinyLoRA 26-Byte SVD Foundry	**89**	Physical: Ultra-Compact 26-Byte Edge Intelligence Adapters Running Scientific Theorem Proving on Low-Power Hardware. Utopia: Compress frontier scientific reasoning by 1000x so rural clinics and orbital probes run sovereign intelligence. Rescue: Keep full scientific reasoning alive on a 15-watt solar battery when hyperscale cloud data centers fail.
Constellation VIII - Deep-Space Carte Blanche Horizon [amlazr.com]	Uncharted Deep-Space Frontier (Open Horizon Infinity) Factories: F01, F04, F16, F20, F29 Nodes: All 6 Omni-Devices Synchronized, NAS Cold Mirror Bundles	**78**	Physical: Custom Citizen-Compiled Physical Mission Pack (DMG/PKG/PWA/PDF) for Unwritten Future Worlds. Utopia: Leave white space on the star map so every human builder compiles their own physical-world breakthrough. Rescue: Reconstruct an entire sovereign civilization stack from a cold-storage NAS bundle after total blackout.

4. First Gaming Scenario: 'SUMMON FLEET' Mobile Thumb-Swipe Architecture

Engineered specifically for real mobile phone thumb-swipe testing first (iOS Safari & Android Chrome, 100dvh dynamic viewport, safe-area-inset-bottom thumb bar, GPU translate3d/rotate physics, and 2D pannable Galaxy Star Chart). Players swipe Left to Challenge/Guard or Right to Summon/Verify, immediately seeing the 4-step ReAct loop (THINK -> ACT -> VERIFY -> PHYSICAL) and unlocking live sovereign URLs.

Card & Constellation	Summoned Agent & MCP Tool	Scenario & AI Literacy Skill	Verified Physical Outcome
CARD-01 (CONST-01)	NOVA-01 - Scout & Fact Ledger Agent [openmythos_unified_pipeline]	Viral Screenshot Accuses a Local Clinic Solar Project (Rule 01 - Input vs. Rumor)	Clinic 42 kW solar roof approved by community council!
CARD-02 (CONST-01)	SEED-0.5B - Local Micro-Seed Router [openmythos_route_inference]	Awaken Your First Offline Agent on a Phone & Laptop (Rule 02 - Local Seed & Bounded Loop)	Offline solar laptop classroom running 100% autonomously.
CARD-03 (CONST-02)	KENJI-MHS - Safe-Envelope Robotics Pilot [openmythos_mhs_actuate]	Orbital Truss Robot Claims 8 Load Struts Instead of 6 (Rule 05 - Six, Not Eight (Verify Math))	Solar truss welded cleanly in Cislunar Forge with zero defect!
CARD-04 (CONST-02)	FORGE-QA - Adaptive Micro-Factory Engineer [openmythos_rebalance_swarm]	3D Water-Filter Printer Overheats at 92% Load (Rule 03 - Self-Healing Reroute)	120 clean-water gravity filters delivered to field stations.
CARD-05 (CONST-03)	ELARA-BIO - Rare-Disease & Biosphere Scientist [openmythos_world_research_lab]	Synthesize Drought-Resistant Crop & Enzyme Pathway (ALTIVER - Falsification Arena)	Wet-lab protocol & hydroponic nutrient schedule exported!
CARD-06 (CONST-03)	SOLIS-GRID - Clean Fusion & Microgrid Steward [openmythos_spectral_check]	Reallocate Nighttime Battery Reserve to Hospital Wing (Rule 06 - Human Approval Gate)	34 hospital incubators & cold-chain freezers protected.
CARD-07 (CONST-04)	NYX-SENTINEL - Chameleon Mirage Cyber Guardian [openmythos_dmg_radar_telemetry]	Forged Admin Packet Probes the Municipal Water Gateway (Rule 04 - Zero-Trust Air-Gap)	Municipal water pressure & purity uninterrupted for 250k homes.
CARD-08 (CONST-04)	CLAIRE-JURIST - GDPR & EU AI Act Constitutional Agent [openmythos_cyber_surveillance_scan]	App Vendor Asks for Silent Camera & Cookie Tracking (Rule 13 - Lawful Process & Privacy)	1,400 school & family devices certified tracker-free.
CARD-09 (CONST-05)	AURA-STUDIO - Consented Synthetic Avatar Director [openmythos_agent_civilization]	A Creator Changes Their Mind Before Video Publication (Rule 06 - Right to Withdraw Consent)	Science showcase shared safely with 100% creator peace of mind.
CARD-10 (CONST-05)	MATEO-TUTOR - Trilingual Socratic Voice Guide [openmythos_flux_voice_loop]	Grandparent & Child Learn AI Together by Voice (Flux Voice - Socratic AI Literacy)	Intergenerational neighborhood AI literacy workshop live!
CARD-11 (CONST-06)	STERLING-LOGISTICS - 12-Sector Cooperative Router [openmythos_pyramid_4d_constellation]	Route Cold-Chain Medical Kits Across 12 Regional Sectors (4D Pyramid - 12-Sector Physical Routing)	480 cold-chain medical crates delivered with signed proof.
CARD-12 (CONST-06)	PAISFC-PACKAGER - Open-Gate Deliverable Builder [openmythos_zero_to_one_agent_builder]	Publish Working Software Packs Without Lock-In or Paywalls (Open Gate - EUR 0 Zero Paywall)	373 sovereign deliverables ready for local installation!
CARD-13 (CONST-07)	ORION-RDT - Recurrent-Depth Reasoning Architect [openmythos_tinylora_model_factory]	Distill Deep Math Reasoning Into a 26-Byte Probe Adapter (TinyLoRA - 26-Byte Edge Adapter)	Edge microcontroller & orbital probe upgraded over ultra-narrow link!
CARD-14 (CONST-07)	CAYLEY-ATTESTOR - Quantum-Safe Merkle Verifier [openmythos_seal_attestation]	Seal Interstellar Scientific Data Against Tampering (SHA-384 - Quantum-Safe Provenance)	Immutable scientific archive mirrored to NAS cold storage.
CARD-15 (CONST-08)	AMLZR-COMMANDER - Full-Fleet Constellation Architect [openmythos_avatar_919_url_explainer]	Illuminate & Exploit All 919 URLs Across 3 Sovereign Websites (919 URLs - Master Ecosystem Upgrade)	Complete multi-device Sovereign Fleet active in your pocket!
CARD-16 (CONST-08)	YOU - The Human Sovereign Builder [openmythos_space_mission_compiler]	The Unwritten Star Map -- Compile Your Own Physical Solution (Carte Blanche - Your Next Physical Mission)	Your next 24 hours: 1 truthful question, 1 line of code, 1 act of care.

5. Four-Website & 919-URL Full Exploitation Manual

Every single URL across the Prime-AI Sovereign Fleet Constellation is mapped, explained in plain language inside the mobile PWA's '919 URLs' tab, and directly callable from compiled missions.

Sovereign Domain	URLs (Canon / Total)	Plain-Language Mission Role	How Any Citizen or Builder Exploits It
prime-ai.fr	**235 / 1300**	Cognitive Operating System, Executive Second Brain, Multi-Agent Swarm Mesh & Sovereign Federation Hub.	Summon Orchestrator, Research, and Legal/Governance agents; launch Mission Cockpits, PAISFC Catalogs, and 52 Bilingual Newsletters. Key: /, /space-mission-compiler/, /agent-civilization/, /constellation-game/, /departments/
yace19ai.com	**163 / 1100**	Biotech/CRISPR Genomics Lab, Trilingual Polymath Academy, Real-Time Avatar Media Studio & 4D Architecture Encyclopedia.	Summon Biomedical (AlphaFold/CRISPR), Socratic Tutor, Voice/Cinema, and 4D Spatial Architect agents for science and education. Key: /, /space-mission-compiler/, /biotech/, /worlds/, /flux-voice-cockpit/
amlazr.com	**502 / 1500**	Mode Absolu Zero-Trust Cyber Mirage, DMG 3D Traffic Radar, n8n/Desktop RPA Factory, FinTech ROI & Sovereign Cloud Infra.	Summon Cyber Sentinel, QA Auditor, Robotics/RPA Engineer, and FinTech Closer agents across 502 hardened operational rooms. Key: /, /space-mission-compiler/, /dmg-radar/, /amlazr-919-urls/, /model-factory/
mcp.prime-ai.fr	**19 / 19**	Cloud-Isolated JSON-RPC 2.0 MCP Gateway & A2A/M2M Cryptographic Dispatch Bastion (30 MCP servers, 1,972 capabilities).	Connect IDE/mobile/CLI agents via allow-listed JSON-RPC tool calls with HMAC-SHA256 identity and $0.00 public cost ceiling. Key: /mcp, /health, /api/ecosystem/agdlc-status, /api/mlzr-v6/status, /deliverables/index.json

6. Reference Compiled 7-Stage Physical Mission Receipt (Constellation I)

Stage	Canon Law	Deterministic Execution & Physical Artifact
01 - STAGE_1_OBSERVABLE_INPUT_AND_LOG	CANON-01 - Debug the Story (Observation Over Rumor)	Ingest dated physical telemetry and verified constraints for: 'Awaken the First Star seed model so every citizen commands a private, hallucination-checked Second Brain.'. Reject unverified rumors. -> [Immutable INPUT + LOG JSONL entry]
02 - STAGE_2_LOCAL_SEED_AND_FACTORY_ROUTING	CANON-02 - The Crumpled First Star (Bounded 12-Step Loop)	Wake Tier-0 local seed (0.5B/3B) at EUR 0.00 public cost ceiling across factories F01, F02, F03, F04. -> [Bounded 12-step execution plan on M4 Max Apex (:7070), Mobile PWA Thumb Deck]
03 - STAGE_3_SELF_HEALING_SWARM_DISPATCH	CANON-03 - Turn the Stray Stroke Into a River (EMA 0.35 Failover)	Summon NOVA-01 - Scout & Fact Ledger Agent, SEED-0.5B - Local Micro-Seed Router via MCP allow-list [openmythos_unified_pipeline, openmythos_space_mission_compiler]. -> [Multi-node execution trace across M4 Max / iMac / Pi5 / Bastion]
04 - STAGE_4_PRIVACY_AND_CONSENT_AIRLOCK	CANON-04 - A Memory Is Context, Never an Order (GDPR Art. 32)	Enforce zero-PII, zero-cookie, zero-unconsented-capture barrier; stage durable memory before vault promotion. -> [Zero-PII Constitutional Compliance Pass]
05 - STAGE_5_ADVERSARIAL_DISPROVAL_ARENA	CANON-05 - Six Sides, Not Eight (Verify Confident AI)	Pit Proposer vs. Disprover in 36-World SelfPlayArena; verify physical math, kinematics, and source timestamps. -> [Deterministic QA/QC Falsification Verdict: VERIFIED_TRUE]
06 - STAGE_6_HITL_SOVEREIGN_AUTHORITY_GATE	CANON-06 - Sovereign Voice & Revocable Consent	Present physical actuation diff to Human Sovereign Builder for explicit, revocable 1-tap HITL approval. -> [Signed HITL Approval Receipt (Full-Stop Brake Armed)]
07 - STAGE_7_PHYSICAL_WORLD_REALIZATION	CANON-07 - Open Constellation Horizon	Personal & Municipal Cognitive Sovereignty Kit -- local offline AI workstation + verified decision ledger. -> [Deployable Physical Blueprint + 137 Exploitable Constellation Rooms]

Reference Mission ID: PAISFC-M01-UTOP-61BAB499C1 | SHA-256: 61bab499c15565c51a537b5167eb5b28833fc4c79e36d9e6e7e4d9990f740cf5 | Live Mobile Swipe URL: https://prime-ai.fr/space-mission-compiler/