systemics

FIELD GUIDE · AI ENABLEMENT & SOVEREIGN INFRASTRUCTURE

WHY AI LUNCH-AND-LEARNS FAIL

And the 4-Week Enablement & Game-Day Rhythm That Changes Behavior

THE TRANSFER GAP

Attendance is a compliance metric, not adoption.

UNREINFORCED TRANSFER	LEADERS USING AI (GALLUP)	INDIVIDUAL CONTRIBUTORS	GAME-DAY CADENCE
10-20%	69%	40%	QUARTERLY

FAILURE MODE 01

Generic demos for generic roles

Payroll ops and legal partners get the same prompt slide deck. Nobody opens the tool on real work during the hour.

FAILURE MODE 02

Enthusiasts self-train, 60% stall

Self-directed learning reaches the 40% who were already converted. It misses the other 60% and fails on data boundary risk.

FAILURE MODE 03

Zero boundary rehearsal

Nobody learns by trial and error that PHI or MNPI cannot go into a personal account without risking an incident.

ROLE-BASED CURRICULA

Four tracks built on your sanitized internal work.

TRACK	AUDIENCE	CORE CAPABILITY	PRACTICE MATERIAL
FOUNDATIONS	All staff & ops	Approved channels, hard data boundaries (PHI/MNPI), basic grounded prompting.	Sanitized internal file types
PRACTITIONER	Analysts & associates	Multi-step workflows: draft, critique, verify, cite with source attribution.	Last quarter deliverables
SUPERVISOR	Managers & partners	Reviewing AI-assisted work, catching confident errors, setting sign-off norms.	Real output + seeded errors
BUILDER	Platform, IT & MLOps	VPC air-gap, vLLM/SGLang serving, OpenFGA ReBAC, MCP security, CI eval gates.	One live production workload

EU AI Act Article 4 & Regulated Audits. In finance, healthcare, and legal, literacy must be proportionate to role and risk context, leading with what data may never leave approved channels.

THE 4-WEEK ENABLEMENT SPRINT

How a 50-500 person firm locks in behavior.

WEEK 0 · PREP

Baseline & Sanitize

Inventory gateway usage. Time 2-3 benchmark workflows per team. Sanitize real files. Brief managers first.

WEEK 1 · BOUNDARIES

Foundations by Track

Approved tools and hard data rules. Everyone completes one real task in-session and names their weekly target.

WEEK 2 · DEPTH

Practitioner & Supervisor

Multi-step workflow reps on benchmark tasks. Managers run error-hunting drills on seeded hallucinations.

WEEK 3 · REPS

Timed Game Day

60-minute timed scenario against realistic failure modes: corrupted attachments, invented clauses, policy traps.

WEEK 4 · TELEMETRY

Measure & Lock In

Re-time benchmark tasks. Compare active gateway usage vs Week 0. Assign template owners for the quarterly rhythm.

THE SOVEREIGNTY LADDER

Five canonical rungs from public APIs to full provenance.

LADDER RUNG	ARCHITECTURAL CONTROL BOUNDARY	REGULATED WORKLOAD FIT
01 · CONSUMPTION	Commercial SaaS / API with default terms. Vendor controls model, logs, and residency.	Public data, low-risk internal drafts
02 · CONTRACT	Zero-data-retention DPA, HIPAA BAA, and contractual opt-out from training.	Baseline regulated SaaS adoption
03 · ARCHITECTURE	VPC PrivateLink ingress/egress, AI gateway chokepoint, KMS customer-managed keys, ReBAC.	HIPAA ePHI, SOC 2 CC6/CC7, FINRA
04 · OPERATION	Self-hosted open-weight models (vLLM/SGLang) on dedicated EKS GPUs inside your tenancy.	High-volume FinOps + strict air-gap
05 · PROVENANCE	Auditable weight lineage, fine-tune datasets, WORM audit logs, and CI evaluation gates.	Sovereign core IP & EU AI Act Annex III

What we benchmark in the live technical teardown.

PILLAR 01 · FINOPS MATH

Reasoning-Token Amplification

Chain-of-thought models generate 3-10 hidden thinking tokens per visible output token. At 40B+ monthly tokens, dedicated L40S/H100 GPUs on EKS cut unit cost 55-74%.

MODELER · /resources/llm-breakeven-calculator

PILLAR 02 · 6-GATE RAG

Pre-Retrieval ReBAC & CI Evals

Hybrid BM25 + dense vector, RRF fusion, cross-encoder reranking, and OpenFGA document permissions enforced before retrieval. Zero cross-tenant leakage in CI.

REPO · /resources/blueprints

PILLAR 03 · AGENT SECURITY

Defeating the MCP Trifecta

Stop tool poisoning, rug-pull mutations, and confused-deputy OAuth via SHA-256 schema pinning, RFC 8693 token exchange, and Temporal human-in-the-loop gates.

DIAGNOSTIC · /score

FREE LIVE BRIEFING + GIVEAWAY

Join Sovereign AI in 60 Minutes at systemics.ai/live

INSTANT ON REGISTRATION

Free Starter Pack

Unlock the Agentic AI Glossary PDF, this 4-Week Enablement Deck, and the Public Prompt & Terraform Repository immediately with your work email.

MONTHLY LIVE DRAWING

$1,495 Cohort Seat Giveaway

One verified registrant from each live session wins a complimentary seat in our 2-Day Live Remote Cohort (including all 4 labs + 1-on-1 Principal Review).

3+ COLLEAGUES MULTIPLIER

$3,900 3-Seat Team Pass

When 3 or more colleagues from your company domain register at systemics.ai/live, your firm enters the 3-Seat Team Pass drawing + gets $97 BLUEPRINT97 credit.

Register free with your work email: https://systemics.ai/live · https://systemics.ai/score · https://systemics.ai/training