AI LIFECYCLE SECURITY

CORELAYER

SecureAI

A unified AI security platform that defends every phase of your AI lifecycle from the first line of code to the end user's keyboard.

PLATFORM

CoreLayer SecureAI

PHASES

Five (Build → End User)

DEPLOYMENT

Cloud / On-Premise

01

THE PROBLEM

AI systems are under attack

"Traditional WAFs and SIEMs were not built for LLM attack surfaces. Your AI needs purpose-built defense."

Prompt injection, jailbreaks, data poisoning, cross-tenant leakage these threats emerge at every phase of the AI lifecycle. Point-in-time tools and perimeter defenses leave entire attack surfaces unmonitored.

74%

of enterprises report AI-specific security incidents

3.2×

faster attacker innovation vs. AI defense adoption

$4.8M

average cost of an AI data breach

0

legacy tools purpose-built for LLM attack surfaces

02

THE PLATFORM

One platform. Five phases.

Full lifecycle coverage - intelligence shared bi-directionally across every phase.

CORELAYER · 5 PHASES · 1 UNIFIED INTELLIGENCE LAYER · CONTINUOUS DEFENSE

01	02	03	04	05
BUILD	**TEST**	**VALIDATE**	**RUNTIME**	**END USER**
CoreLayer Radar	*CoreLayer Striker*	*CoreLayer Vault*	*CoreLayer Shield*	*CoreLayer SecureAgent*
AST prompt scanning before code ships	2,000+ adversarial payloads in CI/CD	Pre-deployment RAG audit & Secure Score	Real-time behavioral defense, <10ms	PII & credential masking at the edge

03

PHASE 01 — BUILD

CoreLayer Radar

Stop vulnerabilities before a single line of code ships.

AST-Style Prompt Parsing

Deep structural analysis detects injection surfaces manual review misses entirely

Role Override Detection

Identifies unsafe instruction patterns, privilege escalation paths, and confusion vectors

Tool Configuration Audit

Scans permissions, parameter handling, and execution chains for exploitable configs

100% Local Execution

Zero cloud upload — all analysis on-premise, your prompts never leave your environment

KEY OUTCOMES

100%

LOCAL ANALYSIS

Zero cloud upload of proprietary prompts

0

CLOUD UPLOADS

All scanning runs entirely on-premise

<30s

SCAN TIME

Full prompt template scan per run

04

PHASE 02 TEST

CoreLayer Striker

Adversarial pressure-testing before attackers get the chance.

2,000+

REAL-WORLD ATTACK PAYLOADS

Continuously updated threat library

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ATTACK CATEGORIES

Across the full kill chain

CI/CD NATIVE

- → GitHub Actions
- → GitLab CI
- → Jenkins
- → CircleCI
- → Azure DevOps

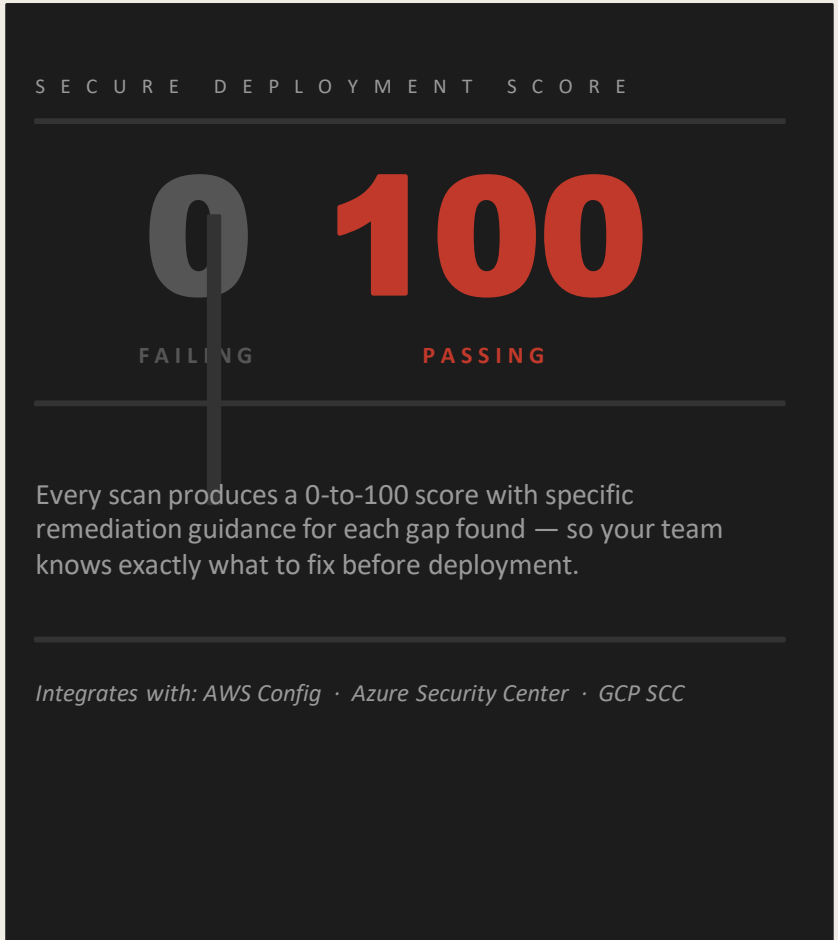
05

PHASE 03 VALIDATE

CoreLayer Vault

No AI goes live without a passing score.

RAG PIPELINE	**Data Poisoning Audit**	Detects manipulated documents injected into your knowledge base
ISOLATION	**Cross-Tenant Leakage**	Verifies tenant data boundaries and isolation controls
ACCESS	**Missing Access Controls**	Identifies permission gaps and privilege escalation paths
HARDENING	**System Prompt Validation**	Guardrail strength check and injection resistance scoring
PERMISSIONS	**Tool Permission Review**	Least-privilege enforcement across all tool integrations
OUTPUT	**Output Validation Rules**	Completeness check on response filters and content policies



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PHASE 04 RUNTIME

CoreLayer Shield

Three coordinated engines. Continuous defense. Zero blind spots.

CORELAYER SHIELD · 3 ENGINES · SHARED REAL-TIME INTELLIGENCE · <10ms POLICY EVALUATION

LCAC

Layered Context Access Control

Controls precisely what context the model can access. Enforces information boundaries, prevents context bleeding, and applies dynamic access policies based on user role and request sensitivity.

LBF

Live Behavioral Fingerprinting

Monitors model behavior in real time to detect anomalies and zero-day jailbreaks. Builds a behavioral baseline and flags deviations that signature-based systems would completely miss.

CBE

Constrained Behavior Enforcement

Enforces hard limits on what the model can do. Caps tool chaining depth, sets execution ceilings, and applies kill-switches the moment a constraint boundary is crossed.

07

PHASE 05 END USER

CoreLayer SecureAgent

Protecting the people interacting with your AI.

DATA INTERCEPTED AND MASKED

- → **API Keys & Tokens**
- → **Passwords & Credentials**
- → **PII Names, Addresses**
- → **Aadhaar & PAN Numbers**
- → **Credit Card Numbers**
- → **UPI IDs**
- → **Email & Phone Numbers**

PRIVACY GUARANTEES

✓ **Local masking only**

Processing happens on the user's device before any data is transmitted to an LLM

✓ **Zero data collection**

No sensitive data is ever collected, stored, or logged by CoreLayer systems

✓ **Zero transmission**

Only masked prompts reach the model — raw sensitive content is never sent

✓ **No third-party exposure**

Complete privacy chain from user input through AI response and back

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THE INTELLIGENCE LOOP

Every attack makes the platform smarter.

Bi-directional intelligence flows between all five phases a closed-loop defense system.

Build → Test	Vulnerability found in prompt scan automatically generates a Test attack case in Striker's library
Test → Runtime	Exploit confirmed in CI/CD pipeline triggers a new Runtime enforcement rule in Shield
Runtime → Build	Anomaly detected in production feeds back into Build scanning rules for future deployments
Validate → Runtime	Pre-deployment score gap configures Runtime enforcement threshold automatically
Runtime → SecureAgent	Behavioral pattern flagged at runtime updates SecureAgent interception rules at the edge

Purpose-built for the LLM threat landscape.

ASPECT	CORELAYER SECUREAI	LEGACY / TRADITIONAL TOOLS
Coverage	✓ Full lifecycle — Build through End User	✗ Point-in-time or perimeter only
AI Awareness	✓ LLM-native attack detection and response	✗ Signature-based, not LLM-aware
Feedback Loop	✓ Bi-directional phase intelligence sharing	✗ Siloed tools, no cross-signal sharing
Privacy	✓ 100% local option — zero cloud upload	✗ Data uploaded to vendor cloud
CI/CD Integration	✓ Native — blocks deployment on failure	✗ Manual or post-deployment only

CORELAYER

Continuous Intelligence Platform

What's the next move?

CoreLayer SecureAI is available for enterprise pilots now. The immediate priority is onboarding 3–5 design partners to validate the full five-phase deployment model.

REQUEST A SECURITY BRIEFING →

WEBSITE

corelayersecurity.ai

ENTERPRISE SALES

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SECURITY BRIEFING

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