AI & ORCHESTRATION

Autonomous Silicon Engineer

Controlled engineering orchestrator using allowlisted actions, immutable audit records, evidence-gated state transitions and bounded repair rules.

IP-4275 · Engineering software · Software / tooling

Function and architecture

• Controlled engineering orchestrator using allowlisted actions, immutable audit records, evidence-gated state transitions and bounded repair rules.

• Evaluation and enterprise licensing

• Controlled release and integration scope

Integration summary

Autonomous Silicon Engineer: Controlled engineering orchestrator using allowlisted actions, immutable audit records, evidence-gated state transitions and bounded repair rules. Delivered as Software / tooling. Integrate the selected version at its documented input/output boundary; retain source and configuration identity with each result. The exact callable API, dependencies and runtime environment are supplied with the controlled release; this public description is not a substitute for that release contract.

Technical record

Canonical identity	IP-4275
Responsibility	Controlled engineering orchestrator using allowlisted actions, immutable audit records, evidence-gated state transitions and bounded repair rules.
Delivery boundary	Software / tooling
Evidence scope	Engineering software
Engineering boundary	Controlled engineering orchestrator using allowlisted actions, immutable audit records, evidence-gated state transitions and bounded repair rules.
Deployment	Software / tooling; 1.0
Operational scope	Generated hardware and third-party tool results require their own exact-release qualification.

Delivery and release binding

• Versioned package and dependency lock

• Deployment environment and access controls

• Input/output schemas and integration examples

• Evaluation scope, support and update policy

Confirm for the selected release: Environment and dependencies, Version / build hash, API compatibility, License and support scope.

Evidence and qualification

The controlled product-release layer includes executable reference surfaces and qualification records. Request the exact selected release bundle.

Generated hardware and third-party tool results require their own exact-release qualification.

Canonical status: P2 / EXECUTABLE CONTROL PLANE; EXTERNAL AUTONOMOUS-ENGINEERING VALIDATION OPEN

Evaluation and licensing

Evaluation: Evaluate the named software release. Production: Team or enterprise deployment. Custom work: Workflow and API integration. Rights, pricing, support and acceptance criteria are agreed for the exact scope.

Contact: patrick@garmolabs.com | Product path: /software/autonomous-silicon-engineer