INFRASTRUCTURE

SiliconCloud

Resource registry, entitlement, isolation, quotas, finite leases, scheduling, usage/energy metering and tenant invoices.

IP-4892 · Commercial software · CLI / SDK / API

Function and architecture

- Hardware-As-A-Service Control Plane
- Independent installation
- CLI, Python SDK and server surfaces
- Tenant, entitlement and evidence controls

Integration summary

SiliconCloud: Resource registry, entitlement, isolation, quotas, finite leases, scheduling, usage/energy metering and tenant invoices. Delivered as CLI / SDK / API. 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-4892
Responsibility	Resource registry, entitlement, isolation, quotas, finite leases, scheduling, usage/energy metering and tenant invoices.
Delivery boundary	CLI / SDK / API
Evidence scope	Commercial software
Engineering boundary	Resource registry, entitlement, isolation, quotas, finite leases, scheduling, usage/energy metering and tenant invoices.
Deployment	CLI / SDK / API; 1.2.0
Operational scope	Customer-specific performance, economics and physical effects require customer data and validation. Optional PostgreSQL live integration was not executed in the recorded release.

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

Our records show product-specific tests within the 280-test commercial suite, 20,000 randomized cases and HTTP/ASGI/import/install campaigns. Source-bound external exercises are documented.

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Canonical status: P2 EXECUTABLE COMMERCIAL SOFTWARE / TEST SUITE + ADVANCED CAMPAIGN + HTTP/ASGI/IMPORT/INSTALL EVIDENCE; 30 source-bound production arrivals + synthetic resource policy: zero Garmo quota violations vs six naive-baseline violations.

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/siliconcloud