INFRASTRUCTURE

Garmo ONE Developer Platform

Local-first capability/device registry, app manifests, privacy-aware workload placement, versioned object/provenance store, permissioned actions, expiring leases, SQLite WAL state and audit sequence

IP-4326 · Engineering software · CLI / local API

Function and architecture

• Local-first capability/device registry, app manifests, privacy-aware workload placement, versioned object/provenance store, permissioned actions, expiring leases, SQLite WAL state and audit sequence

• Separately packaged release

• No mandatory sibling-product runtime

Integration summary

Garmo ONE Developer Platform: Separately runnable local-first developer platform implementing device capability registry, application capability manifests, privacy-aware placement, versioned objects with provenance, permissioned actions, expiring leases, persistent SQLite/WAL state and audit records. Delivered as CLI / local 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-4326
Responsibility	Separately runnable local-first developer platform implementing device capability registry, application capability manifests, privacy-aware placement, versioned objects with provenance, permissioned actions, expiring leases, persistent SQLite/WAL state and audit records.
Delivery boundary	CLI / local API
Evidence scope	Engineering software
Engineering boundary	Separately runnable local-first developer platform implementing device capability registry, application capability manifests, privacy-aware placement, versioned objects with provenance, permissioned actions, expiring leases, persistent SQLite/WAL state and audit records.
Deployment	CLI / local API; 0.9.0
Operational scope	Local runtime evidence only; production security review, distributed scale, hardware attestation and external customer adoption remain open.

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

100-device stress population; 5,000 placement queries; 5,000 unauthorized actions rejected; 5,000 object-version writes; core + advanced clean-room PASS

Local runtime evidence only; production security review, distributed scale, hardware attestation and external customer adoption remain open.

Canonical status: P2 / EXECUTABLE STANDALONE RUNTIME PRODUCT; PRODUCTION SECURITY/SCALE/HARDWARE ATTESTATION/CUSTOMER ADOPTION 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.

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