

VELAR

Platform

Product & Technical Passport

Official technical identity, architecture, technology stack,
current status and due-diligence reference for the VELAR technology asset.

POSITIONING AI-Powered CRM / ERP Software Platform

August 2026

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Product Identity

Core identification of the technology asset.

FIELD	VALUE
Product name	VELAR Platform
Positioning	AI-Powered CRM / ERP Software Platform
Product type	Desktop CRM / ERP platform with modular AI Core
Primary desktop technology	Electron
Frontend	React
Build tooling	Vite
Packaging	Electron Builder
Target package	Windows x64
Document date	August 2026
Current asking price	\$24,900 USD

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Purpose

What VELAR is designed to provide.

VELAR is a desktop software platform intended to combine CRM / ERP business operations with a modular AI Core. The architecture connects business data and application activity with contextual processing, memory, decision intelligence, reasoning, recommendations, actions, automation and workflows.

The platform is not positioned as a trading terminal. It is a business software foundation designed for continued development toward AI-assisted and increasingly automated operations.

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System Architecture

High-level architecture reference.

LAYER	ROLE
Business Data	Clients, contacts, deals, tasks and activity
Context	ContextEngine, ContextBuilder and context tracking components
Events	AIEvent / AIEventBus
Memory	MemoryStore, DecisionMemory, PersistentMemory and related components
Intelligence	Decision, learning, reasoning and recommendation engines
Knowledge	KnowledgeGraph and entities
Actions	ActionEngine
Automation	AutomationEngine, AutomationExecutor and AutomationRules
Workflow	WorkflowEngine and workflow execution components
Presentation	AI Dashboard and related AI UI components

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Technology Stack

Current technologies identified for the product.

LAYER	TECHNOLOGIES
Frontend	React; Vite; JavaScript / JSX; React Router; Chart.js; Lucide React; CSS
Desktop	Electron; Electron IPC; Electron Preload
Packaging	Electron Builder
Architecture	Modular AI Core; event-driven architecture; context; memory; decision; learning; reasoning; recommendation; knowledge; action; automation; workflow

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CRM / ERP Modules

Business-facing modules currently identified in the platform.

- Dashboard
- Clients
- Client Profiles
- Contacts
- Deals
- Tasks
- Projects
- Users
- Analytics
- Automation
- Settings
- AI Dashboard

The data layer includes clients, contacts, deals, tasks and activity. These structures provide the business-data foundation used by the broader architecture.

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AI Core

Component inventory and architectural role.

DOMAIN	COMPONENTS
Context	ContextEngine; ContextBuilder; AIPageTracker; AIContextProvider; AIWatcher
Events	AIEvent; AIEventBus
Memory	MemoryStore; DecisionMemory; PersistentMemory; MemoryListener; MemoryOptimizer
Intelligence	DecisionEngine; LearningEngine; ReasoningEngine; RecommendationEngine
Knowledge	KnowledgeGraph; entities
Actions	ActionEngine
Automation	AutomationEngine; AutomationExecutor; AutomationRules

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Memory Architecture

Memory-related technical structure.

The memory architecture is composed of dedicated components for storing, tracking, listening to and optimizing relevant memory and decision information.

- MemoryStore — central memory abstraction.
- DecisionMemory — decision-oriented memory.
- PersistentMemory — persistent memory abstraction.
- MemoryListener — memory/event observation.
- MemoryOptimizer — memory optimization layer.

Current documentation does not support describing this architecture as a proprietary trained LLM or as a production autonomous memory system.

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Decision System

Decision and intelligence architecture.

COMPONENT	FUNCTIONAL POSITION
DecisionEngine	Decision processing layer
LearningEngine	Feedback-oriented learning / decision-outcome tracking architecture
ReasoningEngine	Dedicated reasoning layer
RecommendationEngine	Recommendation generation layer

These components form a modular intelligence pathway. Their architecture creates extension points for future model integrations and more advanced decision capabilities.

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Workflow & Automation

Workflow orchestration and automation architecture.

- WorkflowEngine
- WorkflowRunner
- WorkflowRegistry
- WorkflowContext
- WorkflowCondition
- WorkflowAction
- WorkflowHistory
- WorkflowScheduler

- WorkflowLoader
- ClientFollowUpWorkflow
- AutomationEngine
- AutomationExecutor
- AutomationRules

The workflow layer is designed for reusable, condition-driven processes. Automation separates rules and execution into dedicated architectural components.

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Electron Desktop Layer

Desktop application and process architecture.

- Main process
- Preload
- IPC
- Window management
- AI memory integration
- AI Dashboard IPC
- Learning IPC
- User IPC

Electron provides the desktop runtime and a boundary between the application interface and native / process-level operations.

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Build & Distribution

Current build and packaging status.

ITEM	CURRENT STATUS
Application launch	Application launches
Development validation	Development check passed
Frontend production build	Vite v8.1.4
Modules transformed	1,830 modules
Production assets	Successfully generated
Windows packaging	Successfully completed through Electron Builder
Distribution target	Windows x64
Installer	VELAR Platform Setup 1.0.0.exe

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Current Status

Explicit separation between current implementation and future development.

AREA	STATUS
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Desktop application	Existing / operational build
CRM / ERP structure	Existing
AI Core architecture	Existing architectural foundation
AI Dashboard	Existing
Windows production packaging	Existing
Own trained LLM	Not claimed
Fully production-grade database	Not claimed
Full cloud SaaS infrastructure	Not claimed
Advanced autonomous AI	Future development
Commercial-scale SaaS deployment	Future development

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Known Limitations

Important boundaries for technical review.

- The product is a desktop software asset; cloud SaaS infrastructure is not claimed as fully implemented.
- A production database is not claimed as fully implemented.
- Learning Engine should be described as feedback-oriented learning / decision outcome tracking architecture.
- The product should not be represented as having its own trained LLM.
- Architecture presence does not automatically establish production readiness of every component.
- Source-code review remains appropriate during buyer technical due diligence.

These limitations are intentionally stated to maintain technical accuracy and provide a realistic acquisition description.

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Development Prospects

Potential directions after acquisition.

DIRECTION	POTENTIAL DEVELOPMENT
Production data	Implement / harden production database and persistence
AI integration	Integrate selected external or proprietary AI models
Advanced intelligence	Expand decision, reasoning and recommendation capabilities
Learning	Build stronger feedback and outcome-learning loops
Automation	Increase rule-driven and AI-assisted automation
Autonomous workflows	Develop more advanced workflow orchestration
Cloud / SaaS	Introduce cloud infrastructure and service architecture
Commercial scale	Security, observability, scalability, multi-user and enterprise capabilities

All items in this section are development prospects, not claims of current production functionality.

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Technical Transfer Scope

Materials relevant to a technology acquisition.

- Source code

- Frontend application
- Electron application layer
- AI Core components
- CRM / ERP modules
- AI Dashboard
- Workflow components
- Automation components
- Build configuration
- Packaging configuration
- Documentation and architecture materials
- Relevant assets and data structures

The definitive transfer inventory should be confirmed in the transaction documentation and technical acceptance process.

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Due Diligence Reference

Recommended technical review areas.

REVIEW AREA	WHAT TO VERIFY
Source code	Repository completeness, modules, services and dependencies
Frontend	React structure, routing, components and build configuration
Electron	Main process, preload, IPC and packaging
AI Core	Component implementation and integration boundaries
Data layer	Current persistence approach and migration requirements
Workflow / automation	Engine, runner, rules, actions and scheduling
Build	Reproducibility of production build
Dependencies	Package versions, licenses and security exposure
Security	IPC boundaries, application permissions and future hardening
Scalability	Database, cloud, multi-user and service architecture requirements

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Technical Value

Why the asset can be useful to an acquiring party.

- Working desktop application foundation.
- Structured CRM / ERP product surface.
- Dedicated modular AI Core architecture.
- Explicit context, memory and decision boundaries.
- Action, automation and workflow execution concepts.
- Windows production packaging already established.
- Clear extension points for AI models, database and cloud infrastructure.

The acquisition value is best understood as a combination of implemented software, architecture and development acceleration—not as the purchase of a completed enterprise SaaS operation.

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Architecture Glossary

Concise terminology reference.

TERM	MEANING IN VELAR
AI Core	Modular collection of AI-oriented architecture and engines
Context	Relevant application and business state assembled for processing
Memory	Architecture for retaining relevant state and decision information
Decision	Structured decision-processing stage
Reasoning	Dedicated processing layer for structured conclusions
Recommendation	Suggested next action / business response
Action	Boundary for executable business operations
Automation	Rule-based execution architecture
Workflow	Reusable process orchestration
KnowledgeGraph	Structured entity / relationship representation

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Passport Statement

Official summary for acquisition materials.

VELAR Platform is an AI-Powered CRM / ERP Software Platform delivered as a desktop application using Electron and React. Its current architecture includes CRM / ERP modules and a modular AI Core spanning context, events, memory, decision intelligence, learning, reasoning, recommendations, knowledge, actions, automation and workflow.

The current technical status supports describing VELAR as a developed software foundation with successful Windows x64 packaging. Future production database work, AI model integration, advanced autonomous intelligence, cloud/SaaS infrastructure and commercial-scale hardening remain development opportunities unless separately verified.

VELAR PLATFORM / PRODUCT & TECHNICAL PASSPORT / AUGUST 2026