

From Legacy Code to Agentic Enterprise Applications in Weeks.

Wednesday September 16th,
11.00am EDT / 8.00am PDT
(4.00pm UK/Ireland)



Concho.ai

Webinar Housekeeping & Participation Guidelines

Welcome! To ensure a seamless experience during today's session, please take note of the following session protocols and active channels for communication:



Q&A Panel

Use the Q&A window to submit specific questions for our presenters.



Recording

Today's presentation is being recorded. A link to the recording will be sent to your registered email.



Modernization Whitepaper

A whitepaper outlining how Concho AI and VCola work together to deliver validated, AI-native enterprise applications, will also be shared with attendees.

Legacy Code to Agentic Enterprise Applications in Weeks.

- Partnership & Framework
- Code Modernization Challenge
- Discover: The Concho Context Graph
- Build: Agentic Enterprise Applications
- Evolve: Continuous Modernization
- ACAS Demo
- Questions.

01

Discover

Concho analyzes legacy code to produce a precise context layer of business rules and workflows.

02

Build

VCola generates a specification-driven AI-native application with complete transactional integrity.

03

Evolve

A living record allows systems to adapt gracefully as business needs change, eliminating technical debt.

FEATURED SPEAKERS**Annrai O'Toole**

Co-Founder, VCola

**Bruce Henderson**

CTO, Concho AI



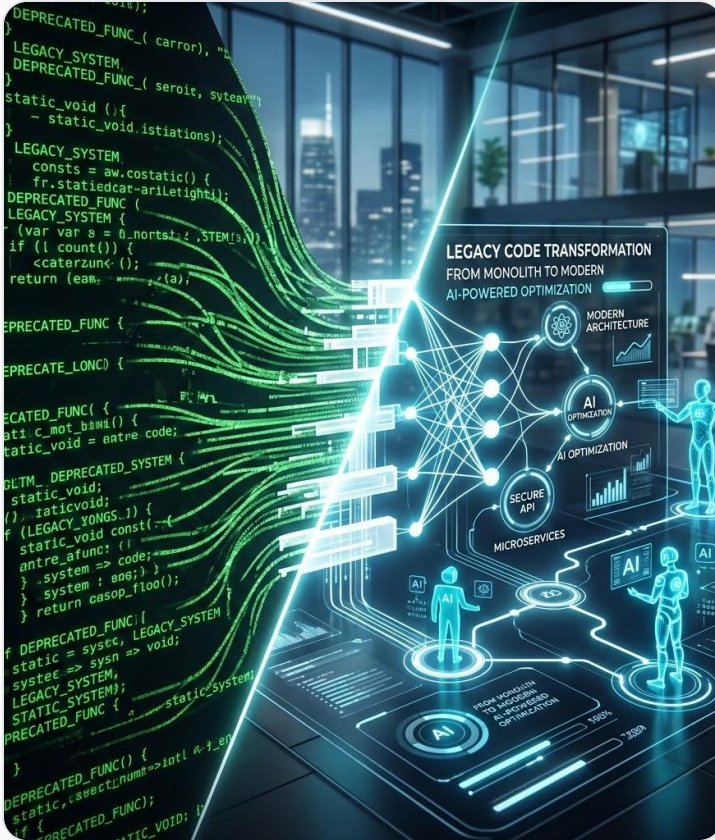
Concho.ai + VCola.ai

01

Partnership & Legacy Code Modernization Framework



Concho & VCola Partner to Solve Global Enterprise Software Modernization Crisis



The alliance enables IT departments to transform aging, undocumented codebases into agile, AI-native applications in weeks, using Concho & VCola via the 3-step **Discover, Build, Evolve** framework.

01

Discover

Concho AI provides deep semantic understanding of legacy architecture, analyzing old code to extract a precise context layer of business rules and workflows.

02

Build

VCola's Agentic Enterprise Applications platform generates a secure, specification-driven, AI-native application with complete transactional integrity.

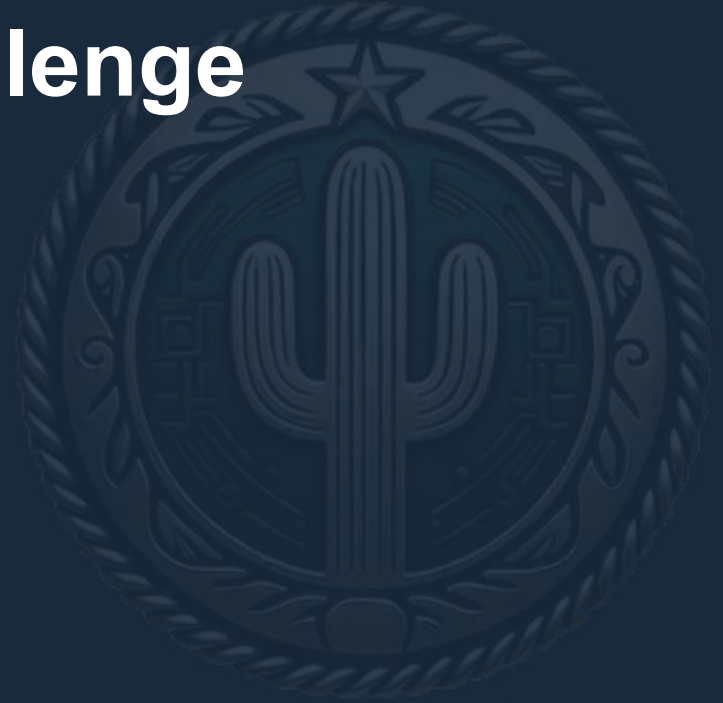
03

Evolve

A living specification links business intent to functionality, allowing systems to adapt gracefully as needs change and permanently eliminating future technical debt.

02

Legacy Code Modernization Challenge



WHAT SOFTWARE ENGINEERING LEADERS ARE TRYING TO FIX

Technical debt is now a board-level concern.

What we hear from software engineering leaders, consistently: scale modernization without destabilizing what runs the business, retain institutional knowledge before it walks out, control tooling and token cost, lower total cost of ownership, and keep the whole thing visible and governed.



Scale without breaking things

Modernization at estate scale, while the systems that run the business stay up. The two goals have historically been in tension.



The knowledge is leaving

Institutional knowledge sits with a small number of people, and they are retiring. Tribal knowledge planning does not survive that.



Governed, or it does not count

Continuous modernization with visibility, auditability and cost control. In regulated sectors this is the gate, not a preference.

03

Discover: The Concho Context Graph



What is Concho?

Concho is a cognitive pre-compiler. It distils the facts of an old code bases into a cognitive model that super-powers your AI tools.

Legacy code

Millions of lines. Decades of decisions. No one left who remembers why.



Concho

Distils the code into a Cognitive Model: compact, grounded, actionable.



Your AI tools

Read the model over MCP.
Answer as an expert on your systems.



Built by career IT architects



Consultant-grade answers for anyone

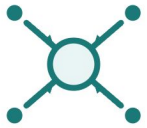


MCP-native, always available

*Working with **VCola**, **Concho** provides the 'fact model' to power the build.*

Founding Concepts

Every discovered fact is plotted on two maps: **what it does for the business** and **how it is built**. Meaning condenses. We don't impose it.



Attractor

A point of meaning

A business function or a technology that facts gravitate toward. Most facts touch several.



Affinity

How strongly things belong

A measured 0-to-1 score. Attractors that keep showing up together score high.



Cluster to entity

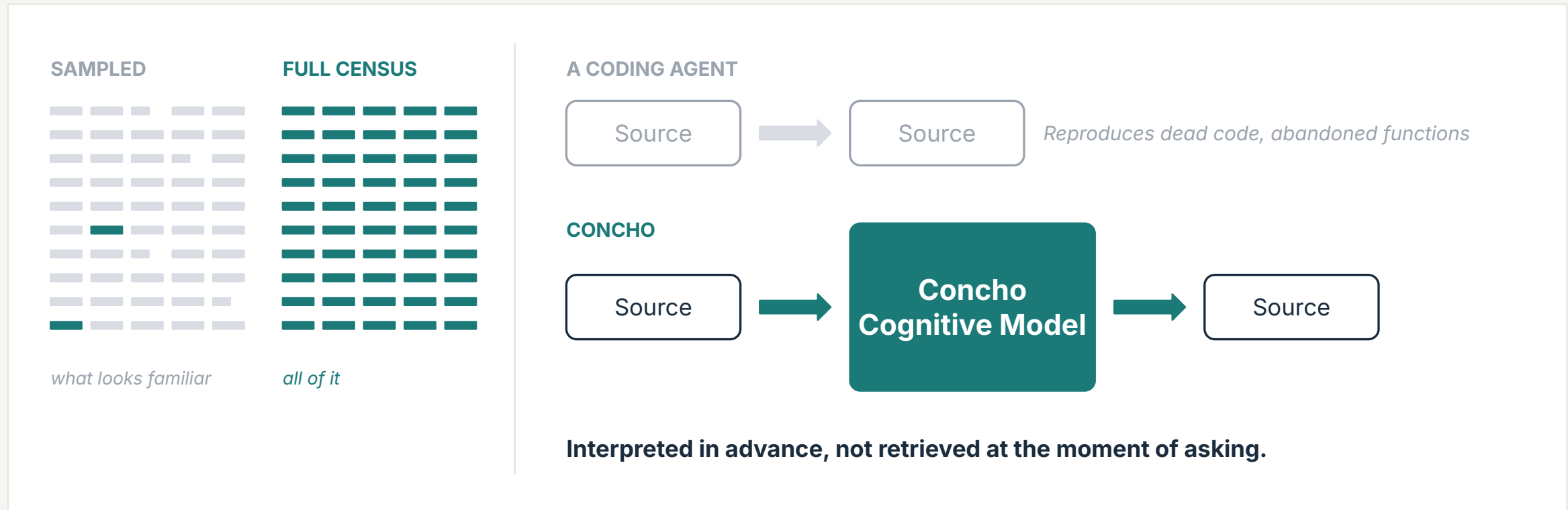
Where the real things emerge

Clusters yield workflows, business rules, entry points and integration boundaries.

DEEP CODE AND ARCHITECTURE ANALYSIS

Read the estate in full, then transform it.

Point an agent at a million lines and it samples, and interprets. It fills the gaps with plausible answers, misses whole branches, and preserves dead code as if it was a business rule.

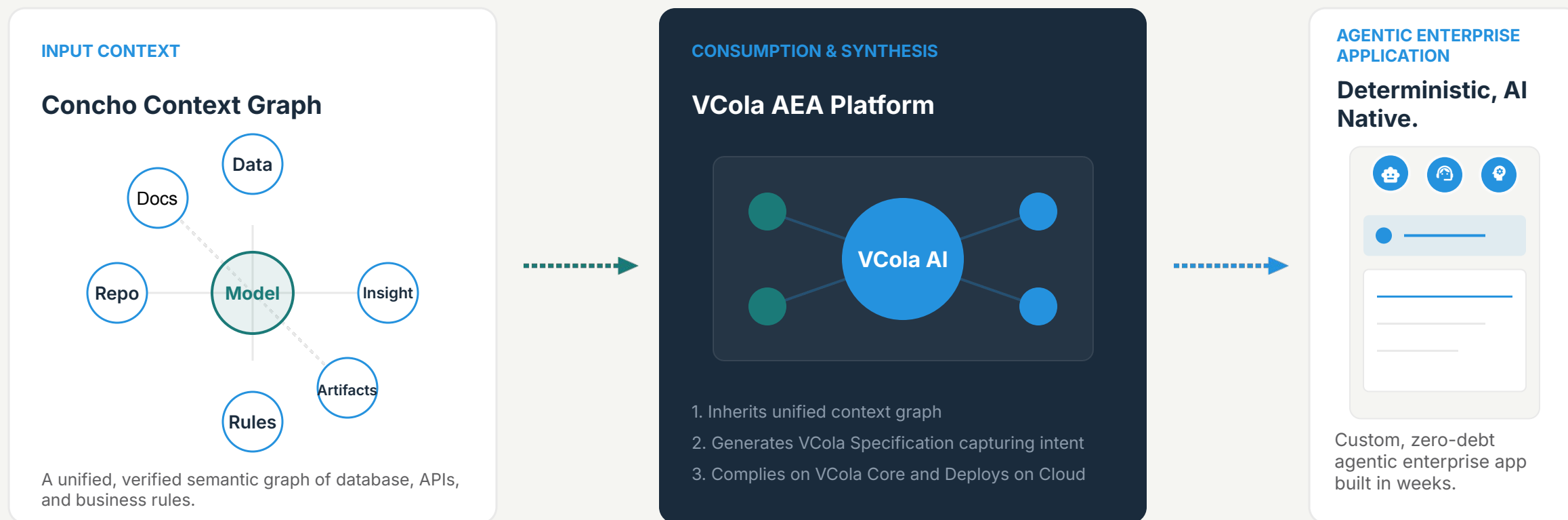


04

Build: Agentic Enterprise Applications



VCola consumes the Concho context graph to synthesize robust, custom enterprise applications.



Real Enterprise Software.

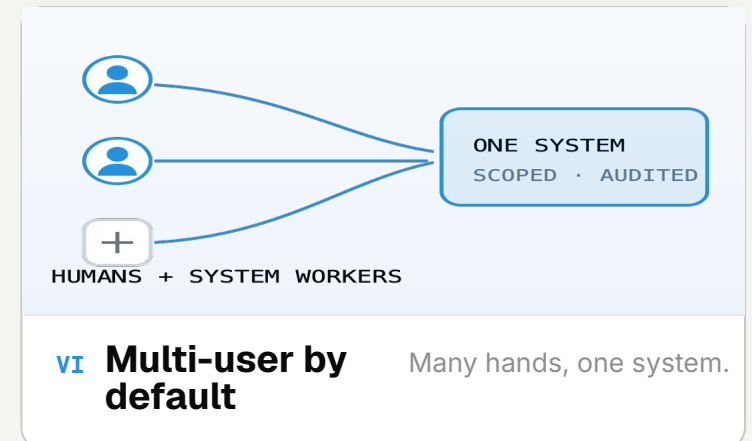
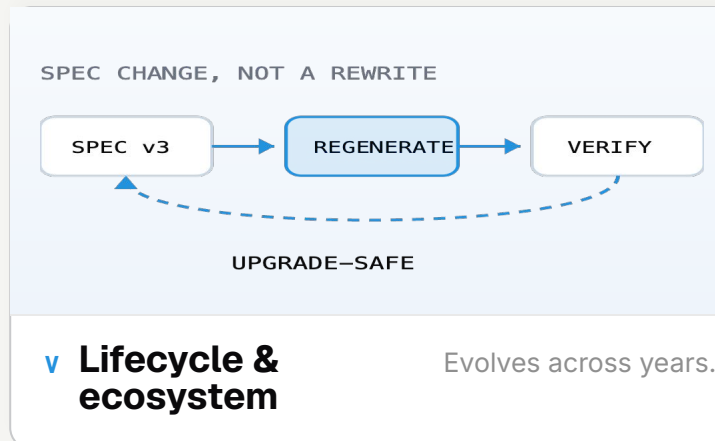
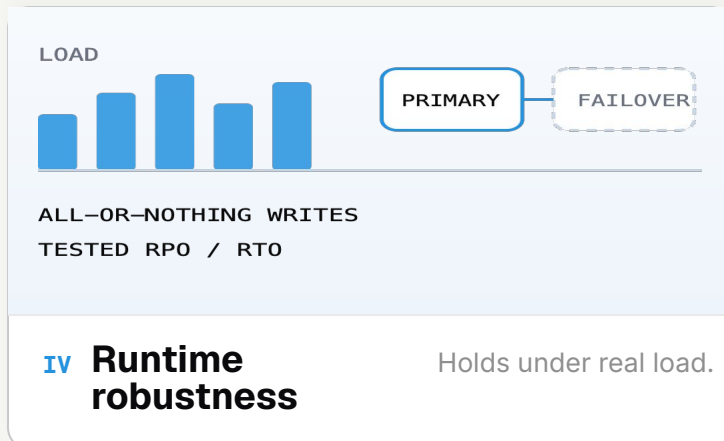
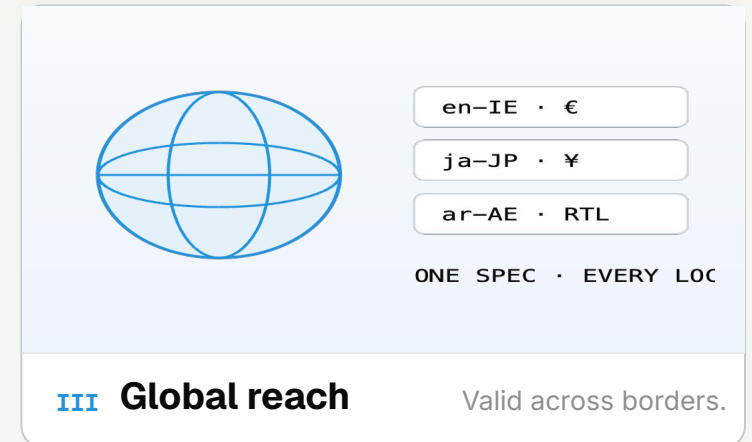
The six pillars of enterprise wisdom



ROW	SALARY	SCOPE
EMP-114	visible	
EMP-208	●●●●●	
EMP-330	●●●●●	

ENFORCED SERVER-SIDE

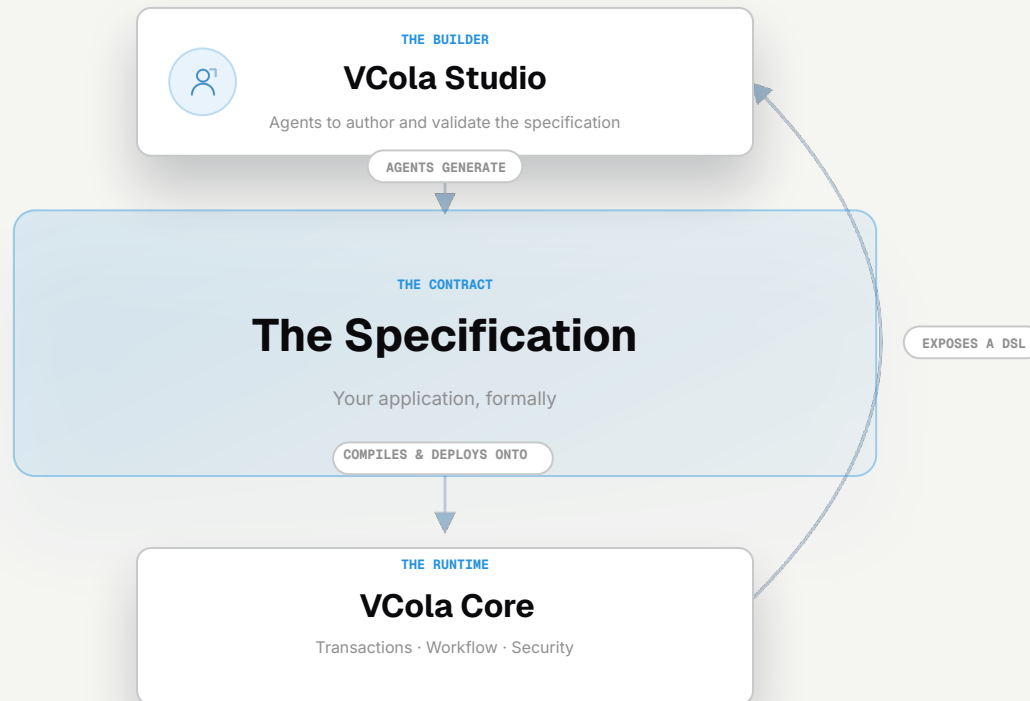
II Security & access Right people, right rows.



VCola: The Specification-driven AI Architecture.

Capturing intent for AI agility with enterprise rigor

One runtime. One loop.



WHAT THIS GIVES YOU

Build and deploy custom software at AI speed, with system-of-record integrity, compiled deterministically from a formal specification, guaranteeing enterprise-grade software, every time.

05

Evolve: Continuous Modernization



Future-proof with continuous modernization

The specification is a living, organic source of truth for ongoing updates and changes.

01 Business-focused

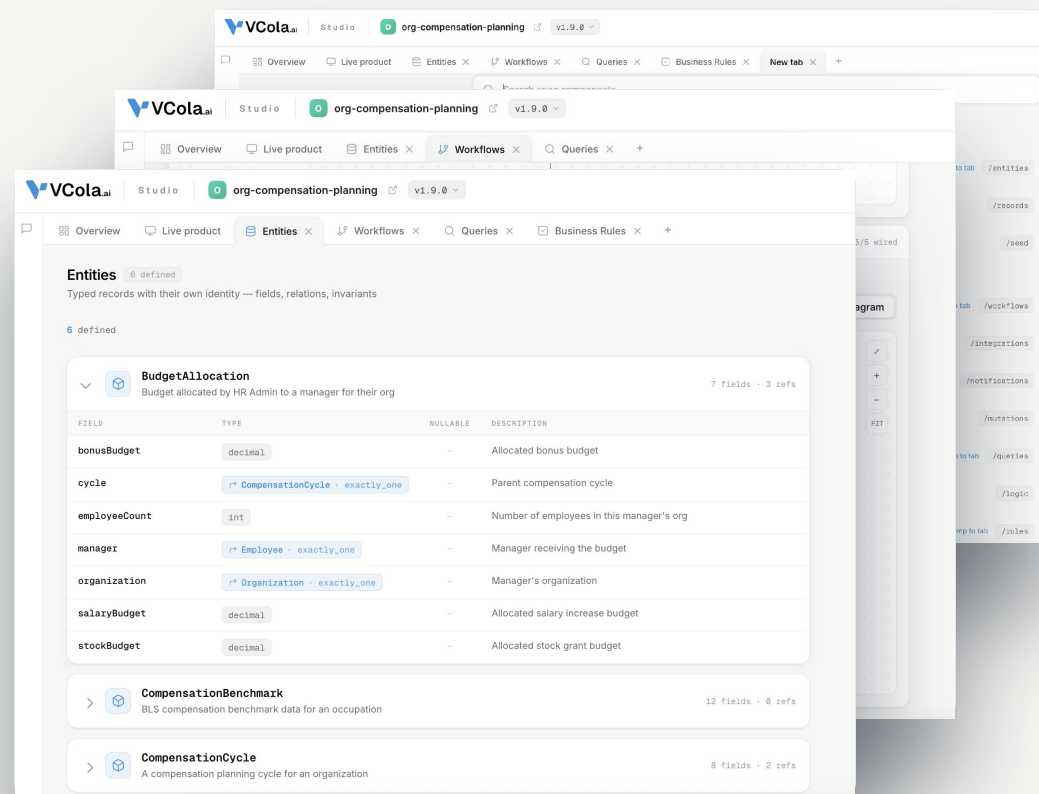
Objective-oriented UX, not a clunky screen flow. Knowing intent, implementation & data, means agents can act on user-defined objectives.

02 Fast and cost-effective

Incremental changes and adaptations driven by the people who know the domain, as business requirements evolve.

03 Reducing inertia

The organization moves at speed necessary to respond to new opportunities and emerging threats.



06

ACAS Demo



Applewood Computers Accounting System (ACAS)

Legacy COBOL-based multi-module accounting solution

[CORE MODULES]

Financial & Inventory Management

- **Sales Ledger** (Accounts Receivable)
- **Purchase Ledger** (Accounts Payable)
- **Nominal Ledger** (General Ledger)
- **Stock Control** (Inventory Management)
- **Incomplete Records System** (IRS)

[STACK & ARCHITECTURE]

Technology & Portability

Language: Written in COBOL, 500,000 lines of code.

Compilation: Compiled via GnuCOBOL / GCC

Platform Support: Linux, Unix, Windows, DOS, and macOS

PURCHASE LEDGER PL080 SUPPLIER PAYMENT

SUPPLIER ACCT: ACM0017 NAME: ACME SUPPLIES LTD

INVOICE	DATE	AMOUNT	DISC	PAY
INV-004411	12/03	1,240.00	2.5%	—
INV-004417	14/03	880.50	0.0%	—
INV-004422	16/03	3,015.75	2.5%	—
INV-004431	19/03	455.00	0.0%	—
INV-004440	21/03	1,900.00	1.5%	—
INV-004452	24/03	720.25	0.0%	—
INV-004461	27/03	2,480.00	2.5%	—
INV-004470	29/03	310.90	0.0%	—
INV-004488	31/03	1,605.40	2.5%	—

MAXIMUM 9 INVOICES PER PAYMENT RUN **

HELP PF3=EXIT PF7=PREV PF8=NEXT ENTER=POST

From ACAS legacy system to Agentic App in less than two days

Concho One Day's Work

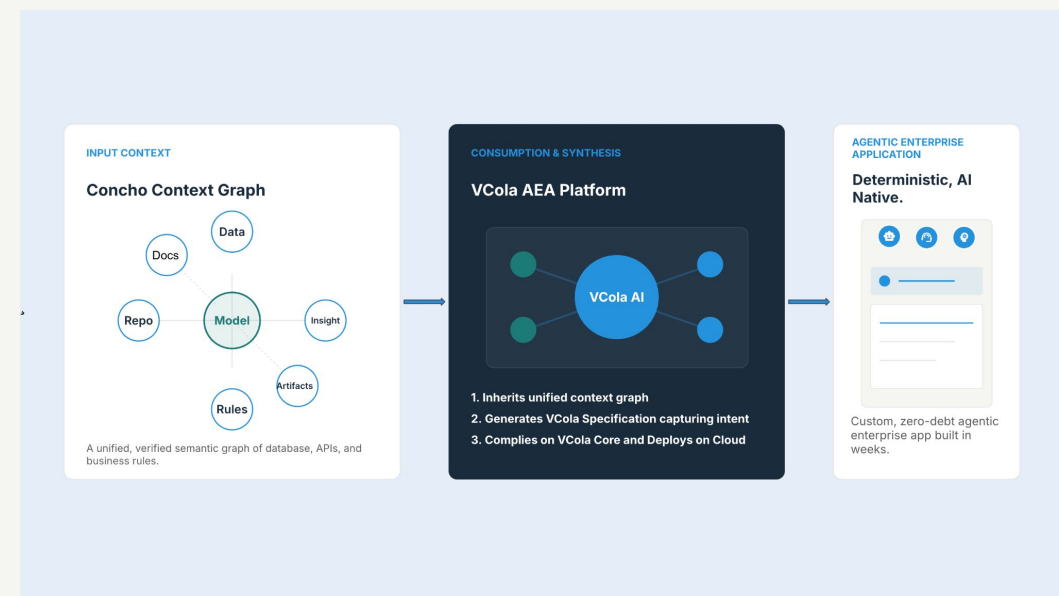
- Analyze legacy codebase
- Extract & model business rules, workflows, & dependencies
- Generate & validated, human-readable "cognitive model."

VCola One Day's Work

- Consume the Concho model.
- Generate application specification.
- Create playbooks. Validate, test & verify.

Less than 48 Hours

Result in just two days is a secure, deterministic, and enterprise-grade replacement.



07

Questions



Key Benefits

The Legacy Code Modernization Framework value proposition.

[01]

Eliminate Risk

Transform hidden legacy logic into precise, specification-driven systems that organizations can trust.

[02]

Accelerate Modernization

Slash time-to-market and project costs by reducing modernization timelines from years to weeks.

[03]

Future-Proof the Enterprise

Deploy agentic applications built to adapt and grow alongside shifting organizational needs.

Ready to Transform Your Legacy Estate?

Modernizing your systems doesn't have to be a high-stakes gamble.

Whether you are ready to start your modernization journey or want to learn more about how Concho and VCola can compress your project timelines from years to weeks, we are here to help. Reach out to our specialized engineering teams to explore your path forward.

[ACTION]

Schedule a Discovery Call

Book a dedicated 30-minute technical session with our systems architects to map your legacy structures and modernization pathways.

[Book Discovery Call](#)

[ENGAGE]

Contact & Resources

Access our modernization frameworks, interactive specifications, system whitepapers, or directly contact our engagement offices.

[Get in Touch](#)