

On to the Next Era:
Reliable AI Coding



From fragile AI-code
**... to secure and maintainable
enterprise software**



"Container & logistics" as a spot-on analogy...



1968

ISO-668

Standardization

- ↑ Security
- ↑ Efficiency
- ↑ Transparency
- ↑ Compliance



**In AI Software Generation
we are in 1968.**





Security

- **+70% to +400%** increased chance of security risk
- **4.4 M USD** avg. cost of breach
- **At the same time:**
 - Increased trust in AI vs. Human Code
 - Increasing hacking frequency

Efficiency



- **Output explodes, flow does not:**
 - +98 % pull requests,
 - +154 % PR size,
 - +91 % review time,
 - +9 % bugs
- **19 % slower with AI tools, yet believe to be 20 % faster**

Transparency & Maintainability



- **+41 % complexity** & +30 % static warnings stay
- 88 % of devs see AI raising tech debt
- **A third of developer time** already goes to tech debt; flaws live 8.5 months

Legal Risk



- 2026/27: CRA **€15 M / 2.5 %**,
- NIS2 **€10 M / 2 %** + personal liability
- GDPR **€20 M / 4 %**
- **42 % of cyber policies** already **exclude** AI-related incidents



Security

~ €75.000 / year & developer, expected loss*



Efficiency

~ €25.000–€30.000 / year & developer, lost capacity*



Transparency & Maintainability

~ additional €17.000 / year & developer, compounding*



Legal Risk

One incident **≈ €5 M** for a €50 M company
(2.5 % of turnover + €3.9 M uninsured breach)

* Reference:

German mid-sized company, team of 10 developers using AI tools, €50 M revenue.

At the moment...

Firms are not increasing speed.
Firms are "taking a mortgage".



So why not:

"Clde, please make it safe,
efficient, transparent & compliant"**

?



How to ensure rules (hurdles) are satisfied?

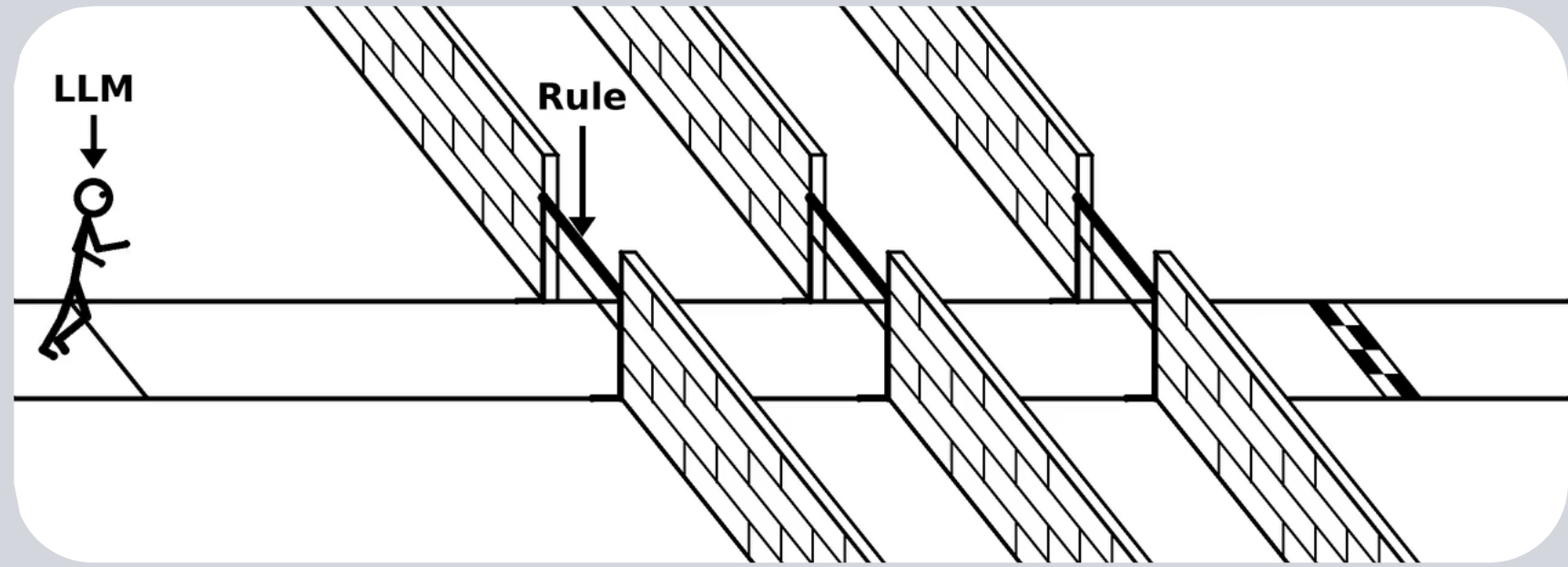
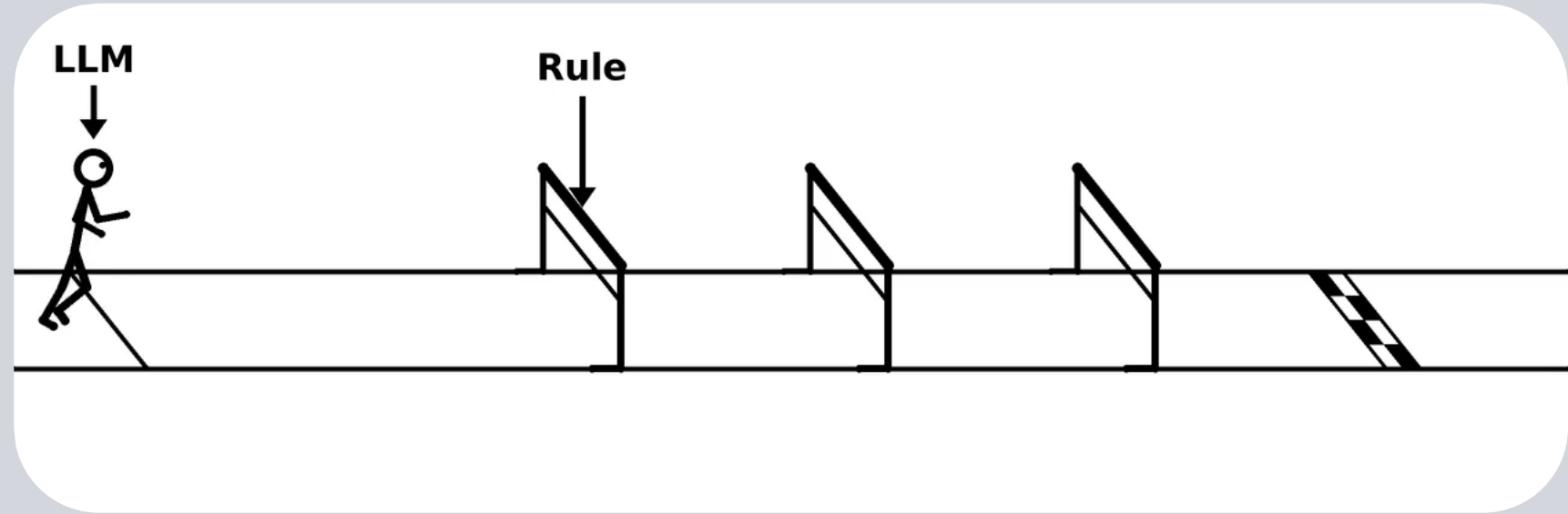
The ongoing status-quo

**harness.md &
abstract conventions**



With 1 to ~~X~~ semi-determinism

**provable "correctness" &
running-against-a-wall-
principle**





Security

Secure by structure, not by prompt



Efficiency

Provable checks within seconds; Making review loops standardized.



Transparency & Maintainability

Maintaining structure also means stopping complexity from compounding



Compliance

Evidence via transparent logging of relevant actions & decisions.

Why doesn't the Silicon Valley do it then?

Hard. Unglamorous. Opinionated.

Fixed conventions mean less flexibility. Platforms built for everyone cannot be opinionated for anyone.

Cui bono? Chaos is the business model & selling the antidote will be



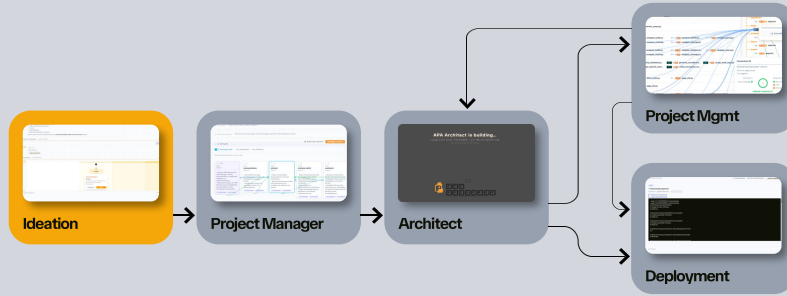
The Valley sells the generator and the antidote. Every unstructured line of code is a future security seat, review agent, or token.



One pipeline. One enforced structure.

From the first idea to the running system in five guided stations. Every hand-over is gated by deterministic checks: the agent only moves on when the rules provably hold and the customer has approved.





Interactive Ideation

Discuss raw ideas in a highly interactive chat.

- No technical knowledge required
- Explore alternatives side by side
- Your process, visualised as a diagram
- Works with your own documents

- Agenturen
- B2B-Vertriebsteams
- SaaS-Unternehmen
- Beratungen
- kleinere Marketingteams

Warum dieses Produkt gut passt

- Klarer geschäftlicher Nutzen
- Viele Automationen möglich
- Gute Grundlage für ein professionelles Produkt
- Lässt sich später um Integrationen, Segmentierung und Reporting erweitern

Mögliche Erweiterungen später

- Anbindung an CRM- oder Newsletter-Systeme
- SMS- oder WhatsApp-Automationen
- A/B-Tests
- Vorlagenbibliothek
- Mehrmandantenfähigkeit für Agenturen

Wenn du willst, kann ich dir als Nächstes direkt eine saubere Funktionsliste in Must-have / Nice-to-have aufteilen.

LeadFlow Pro Produktkonzept 08.09.2026, 13:23:58

Builder-Modus

- Pro ctp 1
- Build ausstehend

Status ansehen (%)

Activity Diagram 04.10.2026, 13:19:20

Anmelden

Aktion: Marketing-Rutizer

Anmelden

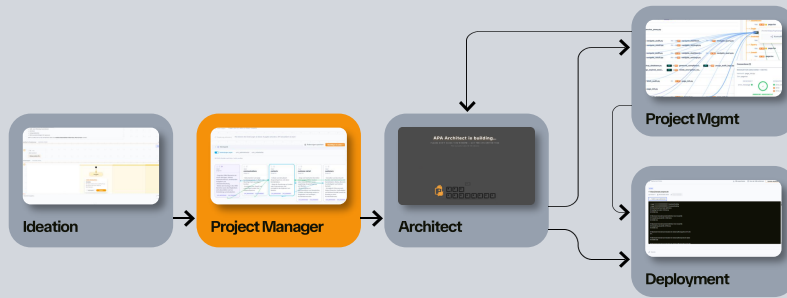
Der Nutzer meldet sich bei LeadFlow Pro an. Das System prüft Konto, Rolle und Berechtigungen.

Fortsetzen Anmelden

Nachrichte eingeben...

Feld vergrößern
alle zuklappen

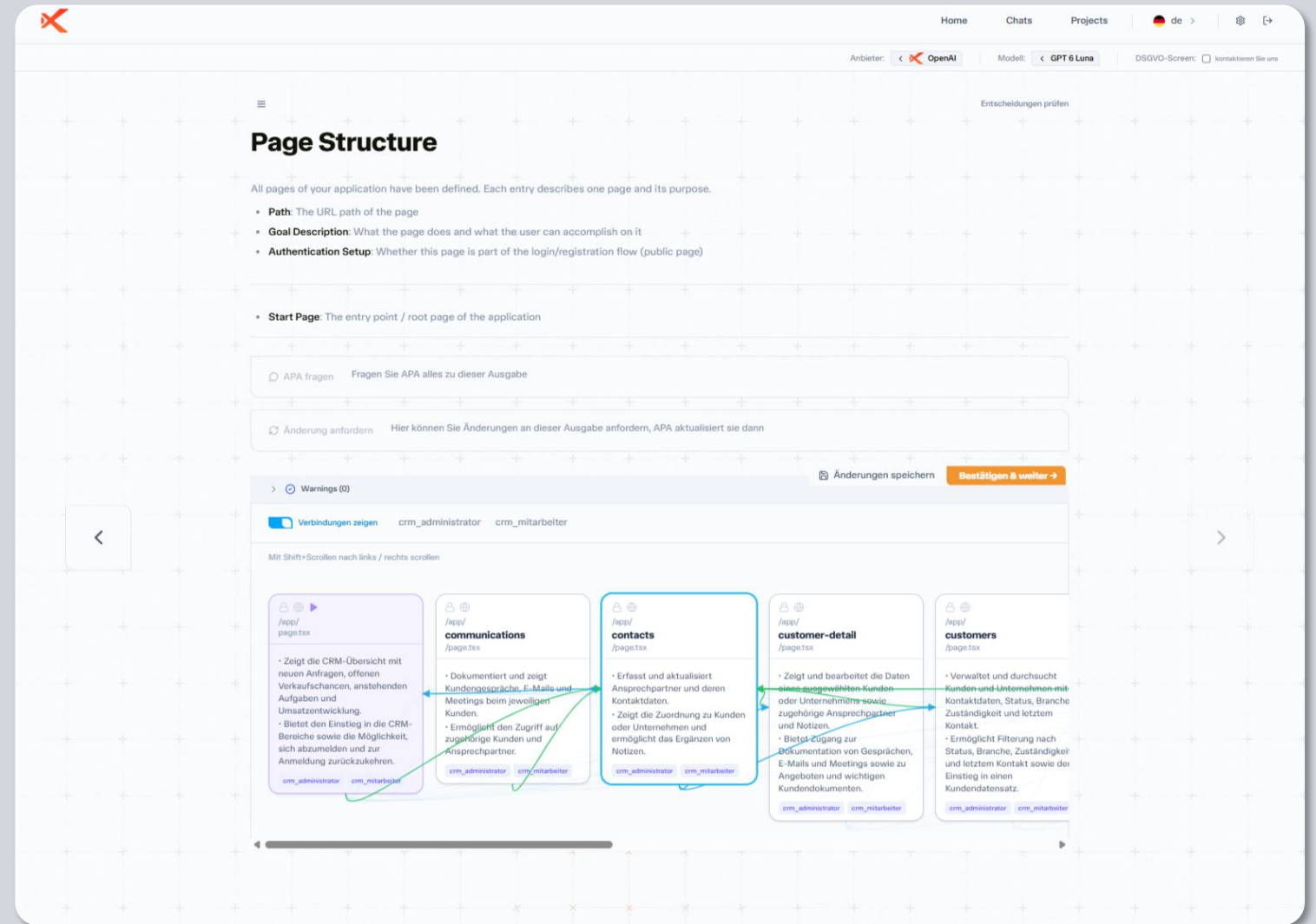
90%

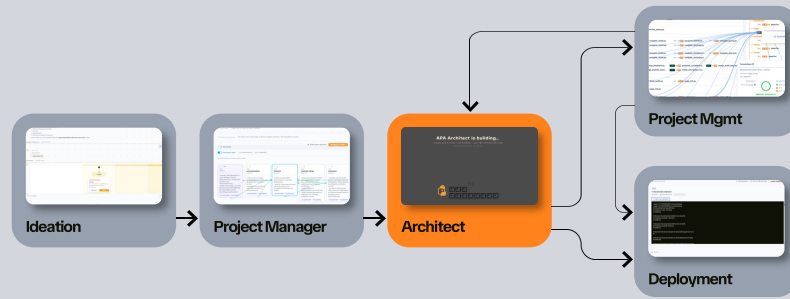


Requirements Analysis

Guided questions turn a rough idea into an approved blueprint.

- Guided questions instead of prompt guessing
- You approve every step
- Change requests at any point
- Your corporate design from day one

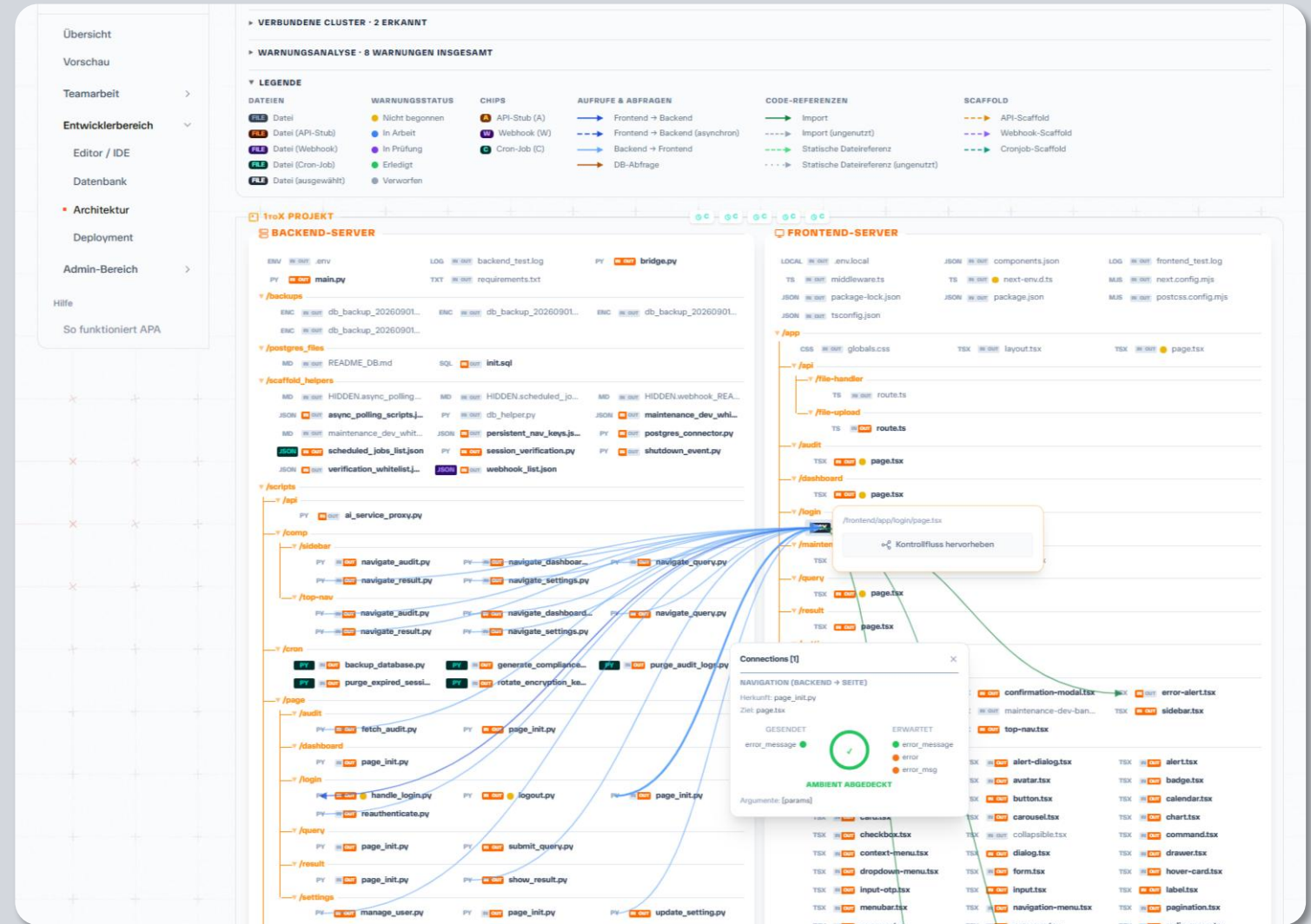


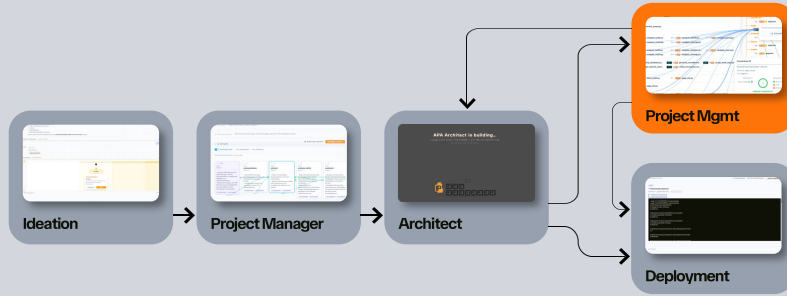


Product Generation

The agent builds against fixed conventions, not against a prompt.

- Secure by structure, not by prompt
- Deterministic checks gate every hand-over
- Runs fully on-prem if required
- Integrates via API into your own pipelines





Project Management

Run every project with your team, fully transparent.

- Full architecture transparency, mapped automatically
- Automatic risk and quality warnings
- Every version saved, rollback anytime
- Built-in IDE with AI assistant and live preview

transpaProgress

- Übersicht
- Vorschau
- Teamarbeit >
- Entwicklerbereich >
- Admin-Bereich >
- Hilfe
- So funktioniert APA

transpaProgress

Projekt-ID: [redacted] Erstellt: 07. Sept. 2026, 18:28

Chat-zu-Produkt-Instanz: 1 Zuletzt aktualisiert: 17. Sept. 2026, 15:54

Build-Version: 4

Deployment-Status: Live

Team: AD, PO, CO, [redacted]

Projektanforderungen

Versionsverlauf

Version	Aktualisiert am	Aktualisiert von	Quelle	Update-Notizen
v4	2026-09-17 (15:54:43)	[redacted]	Manuell	26-09-13_03-37
v3	2026-09-10 (10:30:08)	[redacted]	Manuell	debug
v2	2026-09-07 (19:10:44)	[redacted]	Manuell	second version
v1	2026-09-07 (18:28:37)	[redacted]	Manuell	—

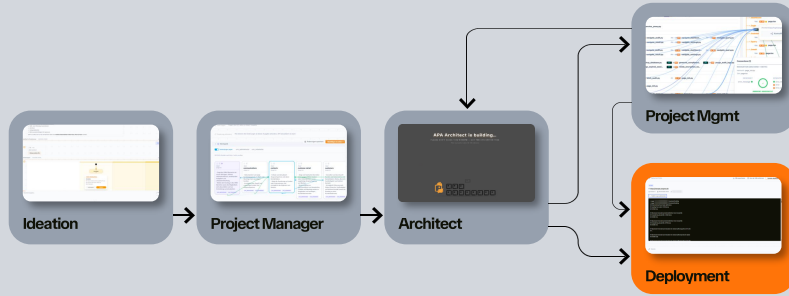
GitHub-Sync

Verbunden als [redacted]

Verknüpfen Sie dieses Projekt mit einem Repository, um die Synchronisierung zu starten.

[Repository verknüpfen](#) [Konto trennen](#)





Deploy & Monitor

Go live in one click and stay in control.

- One-click deployment
- Hosted in Germany, ISO 27001 data centres
- Your own domain, SSL included
- Live monitoring, usage and budget control

The screenshot displays the 'transpaProgress' web interface. On the left is a sidebar menu with options: Übersicht, Vorschau, Teamarbeit, Entwicklerbereich (expanded), Editor / IDE, Datenbank, Architektur, Deployment (selected), Admin-Bereich, and Hilfe. The main content area is titled 'Deployment-Status' and shows a 'Live' status with the URL <https://transpa-progress.de>. It indicates 'Version 4' and a timestamp of '14.08.2026, 00:55'. A button 'Build-Log ausblenden' is visible. Below this is a large black box containing white text representing build logs, including steps like 'load local bake definitions', 'transferring dockerfile', and 'load metadata for docker.io/library/python:3.11-slim'. At the bottom, there's a section for 'Ziel-VM' (Target VM) with a table showing hardware specifications (vCPUs: 1, RAM: 2 GiB, VM-Größe: 8Tms) and infrastructure details (Region: Germany West Central, VM-ID: [redacted]). The URL 'https://transpa-progress.de' is shown in the bottom right corner.



The calendar is working in our favor: Four curves cross within the next 14 months.

A lot happening today already.

84 %

of developers already use AI coding tools

24 % of production code is AI-generated; a third of companies run on more than 60 %.

1 in 5

EU companies had a serious AI-code incident in the last 12 months

Confirmed AI-code CVEs rose from 6 to 35 per month within two months (Q1 2026).

€15 M | 2.5%

CRA fines, plus personal director liability under NIS2

From 9 Dec 2026 software is a product under strict liability: “defective” replaces “careless”.

42 %

of cyber policies already exclude AI incidents

Proof of controls for AI code is becoming an underwriting condition at the next renewal.

2024



Our thesis: AI code needs enforced structure, not prompts

Dec 2025



NIS2 in force in Germany: directors liable personally

Aug 2026



AI Act transparency duties apply

Sep 2026



CRA incident reporting: 24 h / 72 h

Nov 2026



Slush

9 Dec 2026



Software becomes a product under strict liability

three weeks after Slush

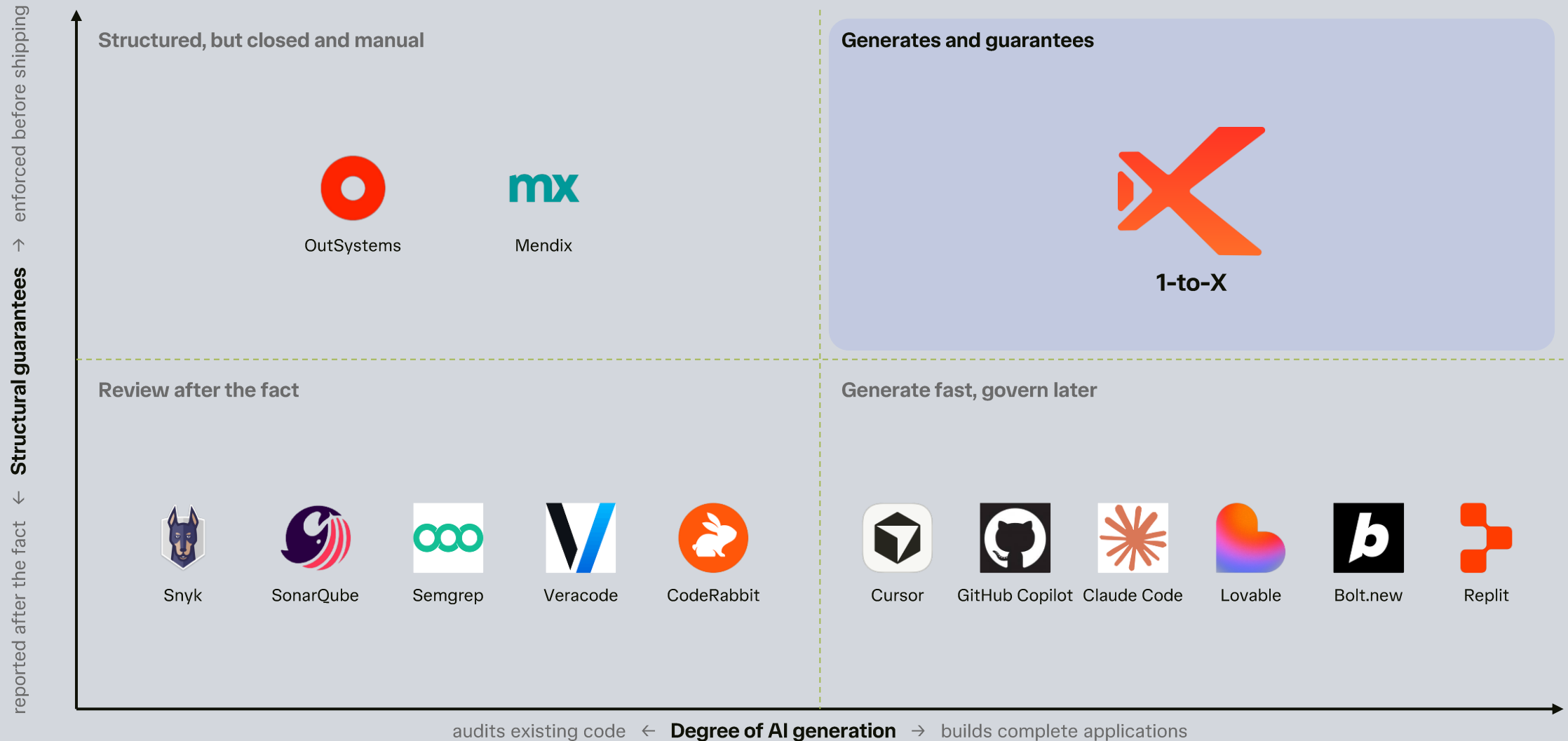
Dec 2027



CRA fully applicable, AI Act high-risk duties



Everyone generates. Nobody guarantees.



We sell trust. We sell the shoulder that leaders lean on. Three ways to pay for it.

Platform subscription

Core revenue, high margin

~€6k to €45.6k / year

Company licence in three tiers plus EUR 360 per user and year.

- Monthly fee usable 100 % as token budget; our spread sits on the tokens
- Hosting runs through us at list price, never through the customer's cloud account
- Upsell: higher tiers, token top-ups, Auto-Anonymize

The baseline

Implementation margin

Services without headcount

~€30 to €50 / hour

When firms digitalize, they buy the bundle – not just a digital product. We want to solve it via partners and profit in multiple ways.

- Scope, hours and change requests run fully automated inside the platform.
- Firms get professional help – increasing use-intensity, success-rates & satisfaction.
- Consultants profit from sales-free-projects & commission for platform leads.

Fueling usage (+ upselling)

Upselling & Deep integration

Today & tomorrow

Usage-based (Hosting, token-recharge)

Upsell (User licenses, higher tiers, on-prem LLMs (currently free))

Coming Upsell (GDPR-LLM-cover, managed ops, further compliance packages)

Guarantee (possible due to deterministic soul; will be a game-changer for customers & insurances)

Deep Integration (a worldwide unique COS providing 100% transparent visual world-view)

To become an essential

today

tomorrow

What customers actually buy:

Trust & Peace of Mind

Owners and managers do not pay for code. They pay to stop worrying about security, maintainability and liability.

Today we make every build verifiable. **Next** we take liability for what we verify: a guarantee no consultancy and no code generator offers.



The Team behind 1toX

Core Team (excl. Externals)



Kristof Hackethal
Founder



Ole Köster
Systems Engineer



Nina Simone Waldheim
Founder's Associate

Advisory Board



Dr. Marcel Rohr
Technology Advisor



dodenhof
Karsten Kamrath
Management Advisor



Prof. Dr. Fabian Eggers
Entrepr. Marketing Advisor



Prof. Dr. Jan Recker
Research Advisor



Want to see details, number, more?

→ We do send out the full pitch deck once we received an NDA. Contact us & we will send it swiftly.

