

AI-Powered Inspection Intelligence for Industrial Asset Owners

Inspections today are slow, manual and reactive. Our AI platform turns drone and robotic data into **prioritized maintenance decisions** – across oil & gas, energy, and infrastructure.

10x Faster | Fixing Downtime | Enterprise Integration

Industries rely on outdated inspections. And the costs and risks are escalating.



Unplanned shutdowns → soaring costs

Unplanned failures cost €100k – €1M per incident. Regulators demand faster, safer inspections and digital proof – but teams still rely on outdated tools.



Manual inspections → delays, risk, and missed issues

Manual methods rely on rope access, scaffolding, and static PDFs – taking days per site. They cause slow decisions and undetected problems.



Aging assets → higher failure risk, fewer experts

Most infrastructure is 30+ years old. Inspection needs are rising – while experienced inspectors are retiring, and asset knowledge is disappearing.



Tools can't keep up – outages, risks and costs keep rising. It's time for AI-driven inspections, at scale.

Drones and robotics are now growing fast to solve data capture. **Data overload** is the new bottleneck.

€13.3B

+15,9% CAGR

€32.3B

2030

(Drone inspection market size on [Polaris Market Research](#))



Billions invested in drones and robotics

(e.g. NYPA spent €34M in drone hardware)



Widespread industry adoption

across oil & gas, energy and infrastructure



Terrabytes of data cause overload

Drones and robotics capture thousands of images for a single storage tank inspection.



Inspection teams can't keep up

Manual review of thousands of images means days of work, inconsistent results, and high labor cost.



No scalable way to extract insights





Inspection teams are buried in raw files, insights stay locked in images. They are still **drowning in data**.

Twinsity solves this – with AI-powered analysis that turns 10,000+ images into valuable insights

Introducing Twinsity, our AI digital twin platform that saves inspection teams hundreds of hours per site



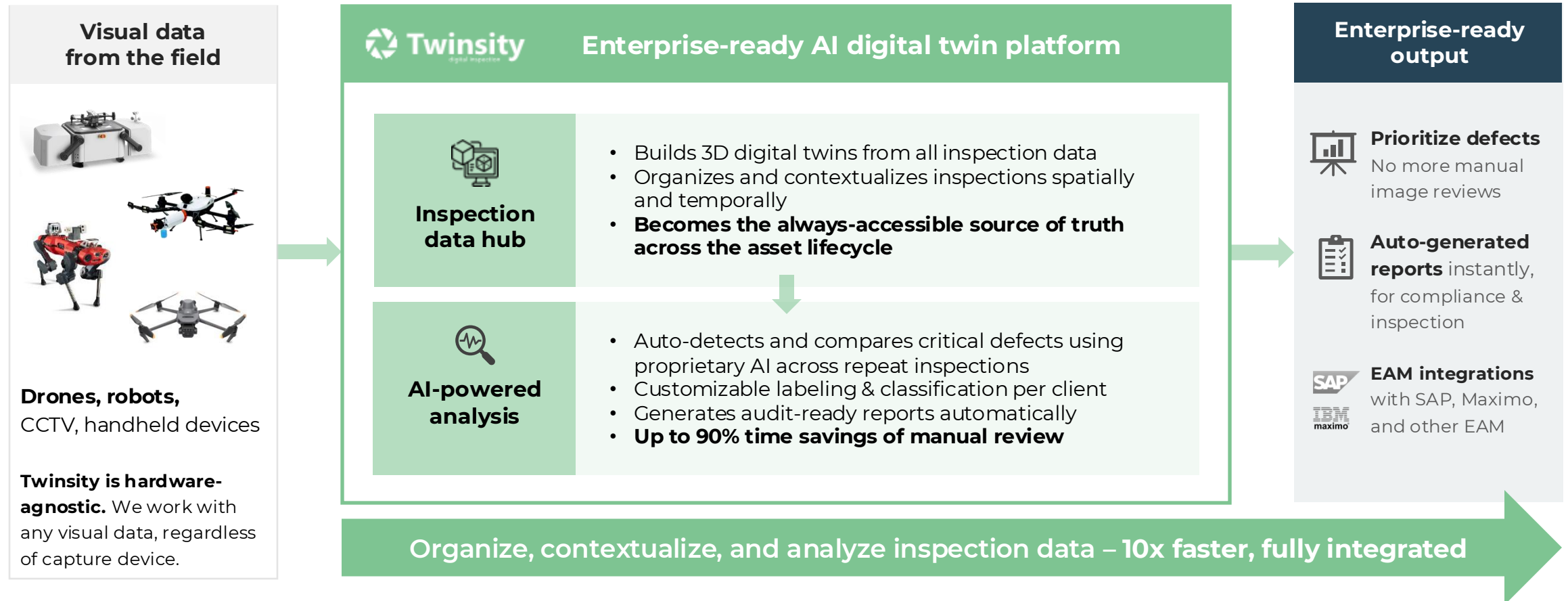
AI-powered inspection intelligence – from drone data to decisions in one platform.

-  **Analyzes 10k+ images per asset instantly**
Twinsity processes thousands of images per asset into 3D digital twins – no manual sorting required.
-  **10x faster inspections**
AI flags critical defects (e.g. cracks, corrosion) in minutes – saving days of manual review & reporting.
-  **60–90% reduction of inspection costs**
No scaffolding, no rope access, or repeated field visits needed – increasing safety and eliminating costs.
-  **Proactive maintenance for early actions**
Tracks and monitors defects over time and compares repeat inspections – detecting anomalies earlier.

We turn inspection data into enterprise-ready decisions – asset owners get the clarity to act on it.

The **AI and integration layer** for visual inspection data

We don't capture the data, we turn it into structured, prioritized insights – instantly, at scale



Substantial cost savings and preventing risk via AI. Across oil & gas, energy, industry, and infrastructure.

Unplanned downtime



€100k – 1M

cost per incident

AI-driven early detection of issues enable proactive maintenance to prevent costly, unplanned shutdowns

Inspection during operations



€100k – 250k

revenue loss p. hour in shutdown

AI and drones & robotics enable remote inspections in operations and reduces need for planned inspection shutdowns

Asset damage prevention



€0.5M – 1.5M

cost per incident

AI-driven digital twins track degradation across repeated inspections and prevent critical failures of critical assets

Manual inspection for infrastructure



€20k – 50k

cost per inspection day

Drones and AI eliminate rope access, scaffolding, multiple trips, and manual review to make inspections safer & faster

Up to 90% time savings | > 60% cost reduction | Fewer trips | Safer teams

Industry-leading clients and opportunities of €1M ACV

Commercial traction to date Actively used by leaders in industry & infrastructure



- **€250k ARR in 2024**, driven by **40+ active customers/partners**:
 - 5 enterprise accounts (€20-50k+ ACV each)
 - 35+ early-stage/partner customers with expansion potential
- **800+ inspections** completed across pilots, projects and partners
- **Land & expand**: Most early-stage accounts are sub-€25k ACV and in expansion phase. Platform usage is high – monetization scales with partner rollout + enterprise growth (€25k-50k+ ACV)



"Twinsity was the important missing link in our digital inspection strategy for infrastructure owners in Denmark. Instead of multiple days, we now need only few hours to complete the job."

Esben Krogh, Digital Services at COWI

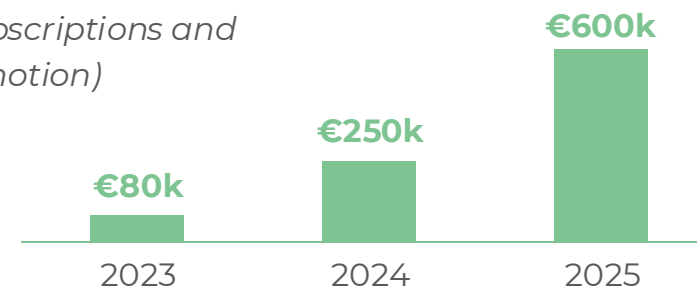
Our pipeline and key opportunities €1M+ ACV in qualified, active pipeline

- **30+ high-value accounts in motion** (multiple €50k+ ACVs), including **Repsol, Vopak, Tata Steel**
- **50+ partners** in onboarding, including **Applus+, Bilfinger**
- **100+ earlier-stage** prospects via distribution
- **This round unlocks pipeline conversion**
→ deals are in motion, we need GTM + success resources **now**

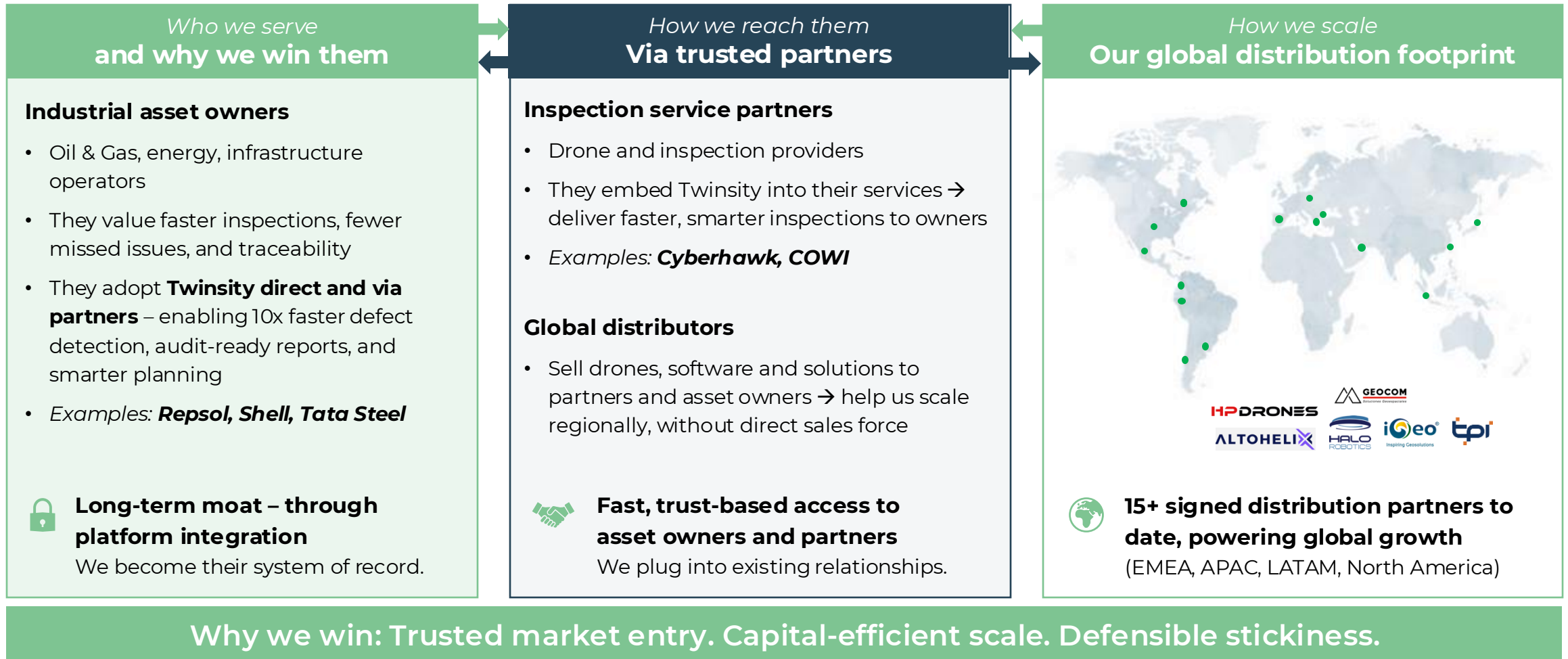


ARR growth (2.5-3x YoY)

(driven by subscriptions and early-stage motion)



Partner-led GTM strategy to **scale efficiently, globally**



Founding team with proven exits & drone/AI expertise



Fabien Chalas

CEO, Co-Founder

- **10+ yrs** in drone & AI energy software systems
- **Co-founded Aibotix** (acquired by Hexagon), scaled to 100+ employees



Uwe Chalas

CTIO, Co-Founder

- **30+ yrs** in 3D and computer vision/AI (ex-IBM)
- **Co-founded Aibotix** (acquired by Hexagon), scaled to 100+ employees



Julian Raabe

CTO, Co-Founder

- **15+ yrs** in cloud infra and AI (ex-Microsoft)
- **AI MSc from Edinburgh** with deep AI product expertise



Brock Ryder

CCO

- **30+ yrs** in geospatial industry and drones
- **Helped scale Quantum Systems and senseFly** (acquired by Parrot)



Built, scaled, and exited companies in drone space. Now EU-funded to scale Twinsity.

Raising €2.5M by July 2025 to **scale globally for Series A**

GTM expansion and platform growth – targeting €1.5M ARR by 2026 and break-even by 2027

€2.5M Seed round

Closing in July 2025

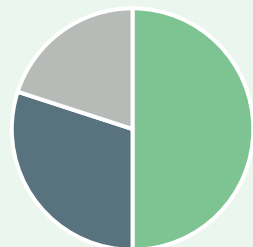
Preferred structure: Priced equity

Targeting 15-20%

Closing in July: Active lead discussions

Runway: 24+ months

Use of funds:



50% ■ Product & AI

30% ■ Sales & GTM

20% ■ Operations & support

Grant and co-invest from EIC

€2.5M grant funding

€2.5M EIC grant (non-dilutive); secured in late 2023

EIC fund co-invest: Up to € 2.5M co-investment on same equity terms

EIC fund process:

Due diligence completed; term sheet secured → waiting for lead investor to sign

European
Innovation
Council



Funded by
the European Union

What this round funds

ARR and platform growth

Scale to €1.5M ARR by end of 2026

Expand global distribution footprint

Prove land & expand with enterprises

GTM repeatability & platform maturity

Projected ARR (2024-2026)



This €2.5M round fuels product, AI, and GTM – putting Twinsity on track for Series A in late 2026.



Twinsity is building the future of industrial inspections – **faster, smarter, scalable.**

Backed by € 250k ARR, EU funding, and global traction, we're actively raising seed by July 2025 – **let's explore how we grow Twinsity together.**

Fabien Chalas

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