

User: Perspective
1387 Collection | Body07.0037
Rectifying Plane
Objects: 11,718
Vertices: 92,149,801
Edges: 62,361,921
Faces: 22,286,198
Triangles: 44,286,198

Join us in building the next generation of industrial systems

ADE-1

The Open Industrial OS

From executable models to operational industrial systems

A Foundational Technology for the Next Generation of Industrial Systems

ADE-1 (Autonomous Decision Engineering)

INVESTMENT

We are addressing a large, underserved industrial optimization market.

Key strengths:

- **Strong technological differentiation**
- **High entry barriers**
- **High switching costs once deployed**

The system is already functional and validated.

The current investment is not for research —it is for **finalization and market deployment.**

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INVESTMENT

Development Status

- Core concepts originated more than twenty years ago and have recently become commercially viable due to advances in computing, software architectures and hardware platforms.
- Fully functional system
- Validated in a real industrial environment

Ongoing steps

- Currently transcoding to 100% self - contained tech stack
- Patent pending
- Preparing ecosystem expansion and partner engagement strategy
- preparing funding and strategic partnership initiatives
- Target of \$200.000 USD can be achieved through investors

The core architecture is stable and extensible.

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Go-To-Market THE MARKET IS READY.

ADE-1 introduces a fundamentally different architectural approach. Existing industrial platforms unify layers but still depend on integration projects, custom engineering and domain specialists. You are addressing exactly that pain point.

Industry is moving toward executable digital twins; autonomous operations and model-driven engineering. ADE-1 sits at the intersection of all three trends. The timing is good.

The initial focus is on high-value industrial applications

- **pilot deployments**
- **vertical specialization**
- **integration into existing production environments**
- **integration with logistic systems**



The business model includes licensing and long-term system integration.

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The Market WHERE ADE-1 FITS

The key figure: only 3% of industrial automation projects currently incorporate AI natively. Meanwhile, 80% of manufacturers plan to adopt Industry 4.0, but only 10% are fully digitized.

That is ADE-1's market: the enormous gap between the promise and the reality of intelligent industry.

- ADE-1 Structural Difference
- Existing platforms integrate industrial layers
- ADE-1 operates from a unified executable model
- Existing platforms optimize within predefined systems
- ADE-1 generates system behavior directly from the model
- Existing platforms require extensive configuration
- ADE-1 minimizes manual implementation through model-driven generation
- Existing platforms rely on multiple representations
- ADE-1 uses a single operational representation
- THE MAIN CHALLENGE

The market is dominated by players with decades of installed base and networks of certified integrators. Choosing an automation provider is considered “a 20-year commitment” according to industry analysts.

ADE-1 introduces a fundamentally different architectural approach.

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The Market THE MARKET IN NUMBERS

ADE-1 competes simultaneously in three markets, addresses functions traditionally covered by multiple industrial systems

SCADA: valued at approximately \$44 billion in 2025, projected to reach \$78 billion by 2032 (CAGR 8.4%)

MES: \$19 billion in 2025, projected to reach \$48 billion by 2035 (CAGR 11.2%)

Global industrial automation: \$256 billion in 2025, growing 9.3% annually to \$569 billion by 2034

The timing is favorable: industry is undergoing full digital transformation (Industry 4.0), there is real demand for unification, and legacy systems are being actively questioned.

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The Market THE COMPETITORS AND THEIR POSITIONING

- SIEMENS — The undisputed leader. Controls 45% of global automation projects. Its TIA Portal + WinCC Unified platform integrates PLC, HMI, and SCADA into a common environment. In 2025, Siemens launched a cloud-native version of WinCC Unified.

Weakness: it works well only within the Siemens ecosystem. If mixed with Rockwell or Schneider, expensive middleware is required. Total vendor lock-in. No native AI/ML capabilities. In 2025, more than 450 security vulnerabilities were reported.

- INDUCTIVE AUTOMATION (IGNITION) The most successful independent industrial software platform. Unified SCADA, MES, IIoT and visualization environment. Hardware agnostic, strong community adoption and simple licensing model.

Weakness: Still relies on manual configuration, scripting and integration. The system is not generated from an executable model.

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The Market THE COMPETITORS AND THEIR POSITIONING

- **DASSAULT SYSTÈMES: (DELMIA)** One of the strongest players in digital manufacturing and digital twins. Extensive capabilities for process design, simulation and lifecycle management.

Weakness: Complex enterprise deployments, long implementation cycles and significant integration requirements. Simulation and execution remain separate domains.

- **ANYLOGIC:** Leader in industrial simulation and digital twin modeling. Widely used for production optimization, logistics and manufacturing analysis.

Weakness: Strong simulation capabilities but does not operate as a real-time industrial execution system. The model remains separate from operational control.

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The Target: Strategic Exit Paths

Primary paths

- ✓ Licensing to industrial software vendors
- ✓ Strategic partnerships with automation providers
- ✓ Acquisition by industrial technology companies

Strategic opportunities

- ✓ Defense and critical infrastructure programs
- ✓ Sovereign industrial technology initiatives
- ✓ State-backed industrial modernization projects

ADE-1 is designed to be adopted, licensed or acquired rather than operated as a traditional industrial services company.

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Valuation

Internal strategic valuation.

Current internal strategic valuation: approximately \$8M.

The purpose of the current funding round is to complete commercialization, secure intellectual property, execute pilot deployments and position ADE-1 for strategic partnerships, licensing opportunities, strategic partnerships and acquisition discussions.

The requested \$200,000 will be used to:

- ✓ Finalize the product
- ✓ Prepare market deployment
- ✓ Launch pilot implementations

The goal is to position the technology for:

- ✓ Licensing
- ✓ Strategic partnerships
- ✓ Acquisition by major industrial players

ADE-1 is being positioned as a foundational industrial technology platform for licensing, strategic partnerships and acquisition by industrial software, automation and sovereign technology organizations.

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Valuation

Our strategy combines ecosystem growth with proprietary value:

- Selective technology disclosure where strategically beneficial
- Commercial execution layer built on top
- Community and partner-driven validation
- Protection of core strategic assets

This approach:

- Accelerates trust
- Reduces adoption friction
- Expands ecosystem growth
- Preserves long-term monetization potential

Proprietary compiler, runtime and deployment technologies remain protected commercial assets.

The framework represents a new category rather than a marginal improvement.

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FOUNDERS

Andreas Lechthaler

Electronic Engineer and creator of the ADE-1 architecture.

Developed the original concepts that evolved into ADE-1 and led the design of its executable industrial modeling framework, compiler architecture and automation principles.

Jaime de la Fuente Ramos

Industrial Engineer and business strategist.

Responsible for commercialization, investor relations, strategic partnerships and positioning ADE-1 as a licensable industrial technology platform.

Let's Build the Future of Industrial System



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