Modernize 4x Faster with DELTA AI

The Deterministic Engine for Legacy Transformation & Accuracy

Every federal agency leader knows the pain: aging legacy systems are expensive to maintain and vulnerable to security risks. But what if you could modernize accurately, quickly, and affordably?

DELTA AI uses mathematically-proven, auditable, deterministic AI, to modernize any software, any language, at scale. See how Deterministic AI stacks up against probabilistic Generative AI.
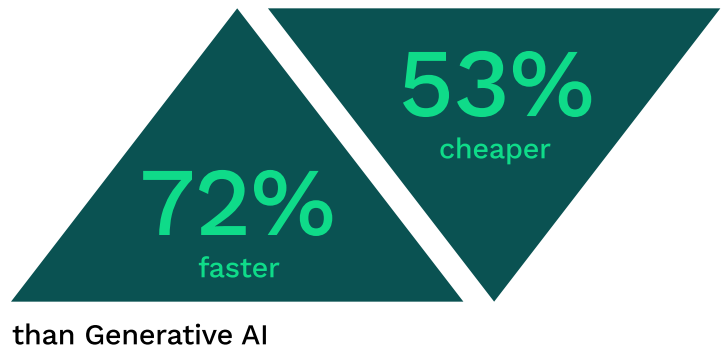
Mathematically proven results for 100% accuracy

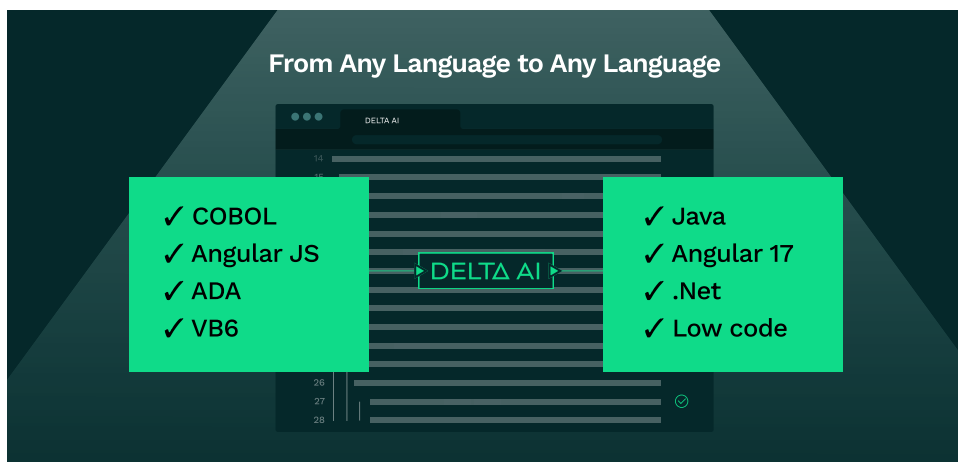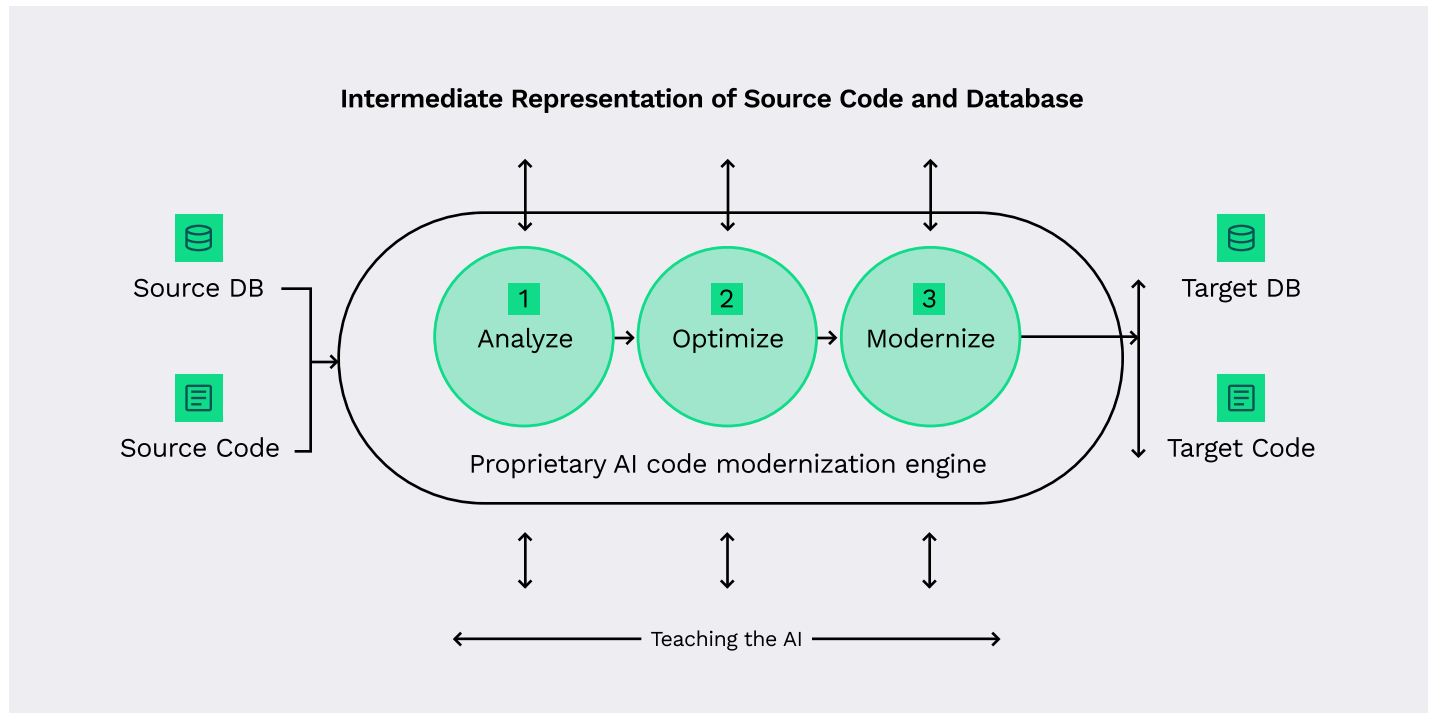| Generative AI	Deterministic AI
✕ Suggestive/probabilistic	✓ Accurate and provable
✕ Syntactically translates without understanding context or meaning	✓ Semantic understanding and understanding of code
✕ Translates errors, bugs, constraint violations from source to target	✓ Repairs errors, bugs, constraint violations
✕ Perpetuates security vulnerabilities	✓ Resolves security vulnerabilities
✕ Not auditable	✓ Auditable
✕ Works line by line	✓ Comprehensive - any language, any stack
✕ Not confidential (public LLM)	✓ Confidential

DELTA AI Benefits

- Eliminate tech debt
- Accelerate speed to market
- Reduce cost of ownership
- Release best practice code
- Boost software performance
- System documentation

DELTA AI Results

72% faster

53% cheaper

than Generative AI

How DELTA AI Works

Intermediate Representation of Source Code and Database

Source DB

Source Code

1 Analyze   2 Optimize   3 Modernize

Proprietary AI code modernization engine

Teaching the AI

Target DB

Target Code

From Any Language to Any Language

DELTA AI

✓ COBOL
✓ Angular JS
✓ ADA
✓ VB6

DELTΔ AI

✓ Java
✓ Angular 17
✓ .Net
✓ Low code

$137M

DELTA AI savings by year 5 compared to GenAI

Awardable in the Tradewinds marketplace with fast procurement.

The Tradewinds Solutions Marketplace is the premier offering of Tradewinds, the Department of Defense's (DoD's) suite of tools and services designed to accelerate the procurement and adoption of Artificial Intelligence (AI)/ Machine Learning (ML), data, and analytics capabilities.

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