

# Evolver TRANSFORM

## AI-Accelerated Legacy System Transformation & Application Modernization

*Transform legacy mission systems into modern, secure digital services at the speed and cost profile leaders demand*

### Customer Challenge

U.S. Federal government agencies continue to rely on mission-critical legacy applications that embed decades of business rules in aging codebases, fragmented data models, and disconnected process documentation. These systems:

- Run on aging, hard-to-maintain codebases
- Rely on fragmented data and incomplete documentation
- Are costly to sustain and increasingly difficult to secure

Traditional modernization approaches spend months (or years) on discovery, requirements, and reengineering, often producing incomplete traceability, inconsistent documentation, and high program risk.

Leaders need a digital transformation approach that is fast, accountable, cost-effective, and evidence-driven without sacrificing security, governance, or mission continuity.

### Solution Overview

Evolver TRANSFORM combines Evolver's digital modernization, cybersecurity, and delivery expertise with the Rhino.ai modernization platform to rapidly convert legacy systems into modern applications.

#### Rhino.ai applies agentic AI to:

- Analyze complex environments
- Discover and document hidden logic
- Translate that logic into a technology-agnostic model, Universal Application Notation (UAN).

### Evolver Integrated Solution — Unique Features

#### True end-to-end modernization

- Discovery through deployment—not just code conversion

#### Patented, technology-agnostic UAN model

- Preserves business intent while enabling platform flexibility

#### Automated documentation & test generation

- Improves traceability and reduces rework

#### Evidence-centric governance

- Built-in transparency for security and oversight

#### Portfolio-level acceleration

- Enables repeatable modernization across multiple systems

Evolver then uses this normalized UAN baseline to accelerate design, implementation, testing, and deployment on the government's target platform while maintaining program governance, security controls, and mission assurance.

The UAN framework decouples business-critical logic from proprietary implementations and supports transformation across SaaS, low-code/no-code, microservices, and cloud-native stacks. Published results from government-focused deployments show materially faster discovery and requirements development with significant cost reduction, enabling agencies to shift resources from manual reverse-engineering to delivering mission outcomes.

## Expected Customer Benefits



#### Reduced Risk

Clear understanding of legacy logic before rebuilding, improved auditability and compliance, and controlled transition with mission continuity



#### Faster Delivery

Automation compresses discovery and requirements phases. Reported outcomes in federal environments include 50%+ cost savings and 70% faster delivery (results vary by system and scope).



#### Lower Technical Debt

Modern architecture, improved maintainability, and stronger security posture



#### Scalable Modernization

Dashboards and APIs that translate complex data into clear, prioritized signals



## Representative Use Case

Modernize a legacy regulatory, financial, case management, or benefits system by:

- Ingesting source code, schemas, workflows, configurations, and policy documents
  - Extracting embedded business logic
- Generating a modern application on:
- Appian or ServiceNow (low-code)
  - AWS or Azure (cloud-native)

### With:

- Audit-ready documentation
- Traceable requirements
- Automated test assets

## How it Works

### 1. Intake & Scoping

- Define mission outcomes and constraints
- Assess data sensitivity and ATO posture

### 2. Automated Discovery

- Mine source code, schemas, workflows, configurations, documentation

### 3. UAN Modeling & Validation

- SME workshops to confirm extracted logic
- Validate rules, dependencies, and workflows

### 4. Target Solution Implementation

- Deploy on Appian, ServiceNow, AWS, or Azure
- Build integrations and data pipelines
- Implement security architecture

### 5 Target Solution Implementation

- CI/CD pipelines
- Test automation
- Security evidence generation
- Operational transition and hand-off

### SIPR/NIPR considerations:

TRANSFORM is executed in an enclave-separated architecture appropriate to the system's data classification and connectivity constraints. Analysis can be performed within government-approved environments, with controlled access to source artifacts, and outputs (UAN models, requirements, workflows, and test assets) are handled as system evidence. Cross-domain synchronization is used only when explicitly authorized and operationally required.

## Getting Started

### Risks/Dependencies

Successful transformation depends on access to legacy artifacts (code, data models, configurations, process diagrams, and documentation), availability of mission SMEs for validation workshops, and timely selection of the target platform and hosting environment.

Governance, data rights, and security constraints (including ATO and supply-chain requirements) must be defined early to avoid rework.

TRANSFORM includes an evidence plan to manage traceability, model risk, and audit requirements across the modernization lifecycle.

### Procurement

Procure TRANSFORM as a services-led modernization engagement with Rhino.ai subscription/licensing and target-platform implementation support (Appian/ServiceNow or AWS/Azure) to scale beyond the pilot.

### Next Steps

- Identify 1-2 candidate legacy applications suitable for rapid transformation
- Conduct a short, bounded pilot to generate an initial UAN model, validated requirements, and a target modernization blueprint.
- Evolver will provide an implementation plan, schedule, cost baseline, and measurable outcome metrics to support informed investment decisions and scalable portfolio rollout.

# Why Evolver

## Who We Are

Evolver accelerates digital transformation by combining mission engineering with AI-powered analytics and modernization platforms. We build mission-specific world models, optimize workflows, and convert legacy systems into modern digital services. This approach delivers measurable outcomes faster, with lower risk, and with authorization-ready evidence from day one.

## Evolver delivers:

### - Predictive Analytics:

Mission-focused tools and use cases like fraud detection, credit scoring, and anomaly detection.

### - Workflow Optimization:

Simulation, process mining, and quantified roadmaps for improvement.

### - Legacy Modernization:

End-to-end modernization to cloud-native, SaaS, or low-code targets using a technology-agnostic logic model.

### - Interoperability & Automation:

API-driven architecture and automated discovery of code and workflows to speed up requirements and testing.

### - Secure & Ready:

Secure deployment (NIPR/SIPR), operational readiness, and built-in governance with ATO/RMF evidence.



**Gregory A. Garrett | Chief Operating Officer**

Gregory.Garrett@evolverinc.com - 571.991.7768 - www.evolverinc.com