

Evolver PREDICT

Predictive R&D and Decision Intelligence Prototyping

Prototype mission-grade predictive analytics, securely and fast.

Customer IT & Cyber/Data Challenge

Federal mission owners need predictive insight tailored to their real-world environment, factoring in their signals, workflows, constraints, and risks and not one-size-fits-all analytics.

For predictive analytics to be effective, it must:

- Focus on a specific operational decision
- Use Government-controlled data
- Be deployable without introducing cybersecurity, privacy, or compliance risk

Evolver Integrated Solution – Unique Features

Mission-Specific Models

Built for a defined decision, workflow, and operational reality—not generic AI

Low-Risk Prototype Factory

Time-boxed sprints, gated Government reviews, controlled change

Security and Compliance Built In

Auditable lineage, access control, encryption, logging, RMF-ready documentation

Speed Without Data Commingling

Reusable analytic patterns accelerate delivery while preserving program boundaries

Solution Description: Services + Platform

PREDICT combines Evolver’s mission, data, and cybersecurity expertise with the Predictus AI-powered analytics platform to rapidly build and test mission-focused predictive tools.

How It’s Different

- Built around real mission decisions, not abstract analytics
- Designed to move from idea to working prototype quickly
- Security, compliance, and authorization considerations are included from day one

Platform Highlights

- Creates mission-specific “world models” trained only on relevant data
- Reuses proven analytic patterns across domains to accelerate delivery
- Maintains strict data separation between programs and enclaves

End-to-End Delivery

The PREDICT solution has demonstrated applicability across fraud detection, credit scoring, and other predictive domains, including U.S. Federal R&D programs. PREDICT delivers the end-to-end implementation: use-case definition and success criteria; data access and handling design; secure development and test environments (NIPPR/SIPPR enclave-aware); model development and automated evaluation; operator-ready dashboards/APIs; and the governance/evidence package required to support authorization and sustainment.

Expected Customer Benefits



Faster, more defensible decisions

Scored predictions with documented assumptions, confidence measures, and traceable inputs



Improved mission outcomes

for earlier threat detection and more efficient cyber hunting, or higher-yield fraud case triage



Reduced delivery risk

Predictable cadence, transparent Government touchpoints, and controlled data handling



Better return on data

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



Representative Use Case

- Cybersecurity
- Predictive analytics to focus threat hunting and prioritize defenses for DoD, DHS, CBP, ICE, and CISA missions
- Fraud Detection
- Predictive analytics to identify where and how medical claims fraud is most likely occurring for HHS, NIH, and CMS

How It Works

1. Define the decision

- Joint Government–Evolver workshop
- Identify the decision to improve, target users, constraints, and success measures

2. Prepare the data

- Inventory and onboard data under Government control
- Define handling rules (PII, PHI, CUI, classified)
- Establish audit trails, lineage, and access controls

3. Build and Test

- Time-boxed prototype sprint
- Develop and validate a mission-specific model
- Deliver a working tool (dashboard, API, or alerts)
- Integrate with existing workflows (e.g., SOC queues, fraud case systems)

4. Validate and Transition

- Security testing of the full pipeline
- Documentation of assumptions and limitations
- Runbooks and operational procedures
- Drift monitoring and sustainment planning
- ATO-ready evidence package

SIPR / NIPR Considerations

- Enclave-separable architecture (data, training, inference, visualization)
- Supports isolated high-side deployments
- Cross-domain synchronization only when explicitly authorized

Getting Started

Risks/Dependencies

Risks include poor data quality, unclear decision ownership, and uncontrolled model drift. Mitigate via a short discovery phase, a 30–60–day pilot in a constrained enclave, automated evaluation and drift monitoring, and a “monitor–then–enforce” rollout with rollback-ready cutovers and operator training. TRANSFORM includes an evidence plan to manage traceability, model risk, and audit requirements across the modernization lifecycle.

Procurement

Procure PREDICT as a services-led prototype engagement with an optional enterprise platform license for scale and sustainment

Next Steps

- Select one cyber and/or fraud use case
- Execute a discovery sprint (data inventory + success criteria)
- Deliver a pilot prototype with evaluation report and runbooks
- Scale in phases with quarterly governance reviews and planned model refreshes.

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.



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