RAPID FI
RAPID FRAUD INTELLIGENCE
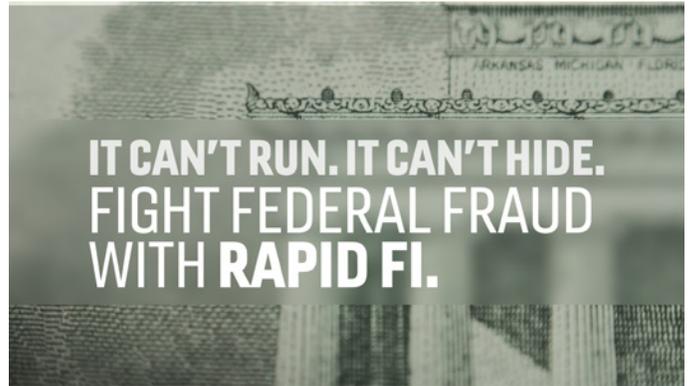
FASTER, SMARTER FRAUD INTELLIGENCE

Rapid FI is a scalable, modular, and rapidly deployable system built upon decades of engineering and investigative experience in combating fraud, waste, and abuse (FWA). It's not just a tool; it's a comprehensive solution designed by investigators, for investigators. Our subject matter experts (SMEs) work with each customer to tailor Rapid FI's toolset, user interface, and user workflows to best support each unique FWA use case. Rapid FI employs AI/ML models to flag suspicious behavior and assign the entity in question a risk score that helps users prioritize which cases to investigate first, maximizing return on investment.

THE CHALLENGE: BEYOND THE MODEL

Effective fraud defense requires more than just a predictive model. Traditional tools often lack the contextual understanding of data, leading to missed fraud schemes or "alert noise" that wastes valuable investigator time. Agencies need a solution that is not only technologically advanced but also grounded in deep investigative expertise.

THE SOLUTION: A PROACTIVE, TAILORED DEFENSE

Rapid FI moves agencies from a reactive "pay and chase" model to a proactive stance, detecting and deterring FWA before money goes out the door. Through the right combination of people, expertise, and technology, Rapid FI is designed to be faster and smarter than fraud.

IT CAN'T RUN. IT CAN'T HIDE. FIGHT FEDERAL FRAUD WITH **RAPID FI.**

KEY BENEFITS

Rapid Start-Up: Deploy a right-sized solution with real data in as little as 30 days.

AI/ML Powered: Employs advanced AI/ML models to flag suspicious behavior and assign risk scores, helping users prioritize investigations for maximum ROI.

Scalable & Modular: Start with what you need and expand as your requirements grow. Rapid FI can be a single model with a simple report or a complex system with a full user interface.

Investigator-Centric Design: Prior fraud investigators inform the design of models and user workflows, ensuring effectiveness and efficiency.

Reduced Alert Noise: Models are built to alert early, not often, reducing the false positives that can overwhelm investigators.

Explainable & Defensible: Models are designed to be explainable in layman's terms, ensuring that findings can be upheld in court.

PROVEN EXPERTISE, PROVEN RESULTS

Peraton's long-standing partnership with government agencies has yielded significant results in the fight against FWA.

$13B+
Saved for the Centers for Medicare and Medicaid Services (CMS) and the American taxpayer over the last decade.

$130 TO $1
ROI for every dollar invested in the CMS Fraud Prevention System (FPS) pre-payment models.

15 MILLION
Medicare claim lines monitored daily on FPS to recommend rejections/denials and prevent fraudulent payments.

$627M
Prevented from being paid to fraudulent providers in 2025 by Peraton's Fraud Prevention System (FPS) program.

The Rapid FI framework is a synergistic combination of expert people, intelligent AI/ML models, robust infrastructure, and streamlined processes, all working in concert to provide comprehensive fraud detection and prevention. This integration allows us to deliver rapid, actionable results.

Starting with people, our fraud investigators are integral to informing our model and user workflow design, ensuring product effectiveness is built in from the start. Our engineers are trained to deploy Rapid FI quickly, often within 30 days or less. Because one size doesn't fit all, Rapid FI's infrastructure is built to be modular and scalable to fit each unique use case. Some customers may only need 1-2 models and a weekly fraud report; others may need hundreds of models and a sophisticated UI. The models used to detect FWA are only as good as their supporting data and infrastructure and the subject matter expertise that goes into their design.

Explainability is paramount—our models are designed to be explained in layman's terms to prove probable cause. This is critical because without it, legitimate cases can be overturned in court. Our models also focus on alerting early, not often— this means we flag fraud schemes early while reducing alert noise associated with false positives and repeat alerts.

And finally, the Rapid FI process provides clear data and results within the user's existing workflow. And we help our users stay ahead of emerging fraud schemes by incorporating the latest tools and techniques.

THE FOUR PILLARS OF EFFECTIVE DEFENSE

Effective fraud defense requires more than just a model. Rapid FI integrates four key elements into a holistic solution built by investigators, for investigators as shown in figure 1.

RAPID FI'S FLEXIBLE, TOOL-AGNOSTIC ARCHITECTURE

Rapid FI's architecture allows selection from a menu of tools to best support each unique use case. Each tool shown in figure 2 can integrate with Rapid FI's flexible framework, enabling customers to connect their existing tech stack or add new tools to their Rapid FI implementation.
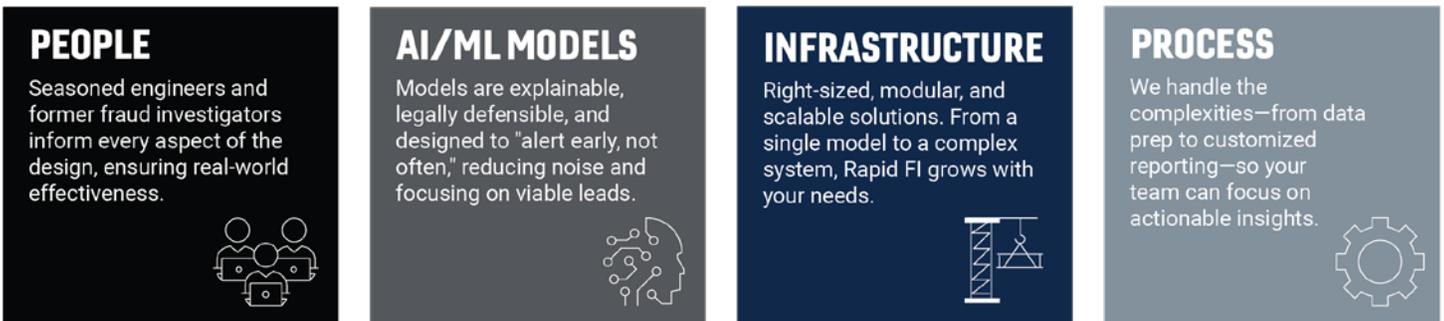

PEOPLE
Seasoned engineers and former fraud investigators inform every aspect of the design, ensuring real-world effectiveness.

AI/ML MODELS
Models are explainable, legally defensible, and designed to "alert early, not often," reducing noise and focusing on viable leads.

INFRASTRUCTURE
Right-sized, modular, and scalable solutions. From a single model to a complex system, Rapid FI grows with your needs.

PROCESS
We handle the complexities—from data prep to customized reporting—so your team can focus on actionable insights.
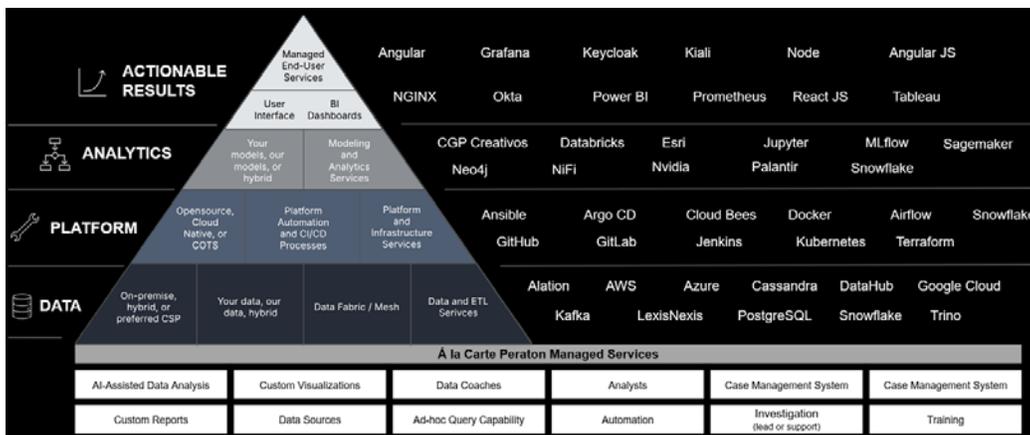
Figure 1. Four Pillars of Effective Defense

Figure 2. Rapid FI's Tool-Agnostic Architecture

ABOUT PERATON

Peraton is a next-generation national security company that drives missions of consequence spanning the globe and extending to the farthest reaches of the galaxy. As one of the world's leading mission capability integrator and transformative enterprise IT provider, we deliver trusted, highly differentiated solutions and technologies to protect our nation and allies from threats across the digital and physical domains. Peraton supports every branch of the U.S. Armed Forces, and we serve as a valued partner to essential government agencies that sustain our way of life. Every day, our employees do the can't be done by solving the most daunting challenges facing our customers. Visit Peraton.com to learn how we're safeguarding your peace of mind.