

# Plug-and-Play Detection and Response Services



Stop or challenge risk and elevate trust to optimize security and CX — throughout the identity journey — in real time.

Protecting accounts while improving customer experience (CX) requires accurate, dynamic fraud detection that’s smart enough to distinguish between good and bad activity — even when fraudsters use evasive tactics or when trusted customers log in on a new device or change their behavior.

## Challenge

### Malicious actors exploit gaps in identity

Fraud tools and automations make it easy for imposters to seize control of accounts, devices or active sessions. Bad actors also enlist bots to open fraudulent accounts at scale. Their methods and tools rapidly evolve to evade detection by standard bot and fraud defenses.

### Poor accuracy degrades security and CX

One low-level risk signal is too weak to indicate fraud. Without full context and data correlation, risk scores are not reliable. Detection errors come at a high price as false negatives fail to stop fraud and false positives disrupt customers.

### Costs escalate quickly

Trying to close the security gaps with multiple solutions calls for complex integrations, decision-making structures, coding and tuning cycles. Building and maintaining layers of explicit rules could still generate costly detection errors.







## Solution

### Detect risk, trust, fraud, bots and behavior — with superior accuracy

Detection and Response Services provide dynamic, real-time protection by analyzing a broader set of signals across the entire identity lifecycle.

- **AI-powered contextual analysis** delivers actionable recommendations that can be used to trigger the right action, at the right time. You can also automate protection against new threats when they first emerge.
- **Easy integration + out-of-the-box decisioning rules** assess key indicators to give you immediate insight and value — on day one.

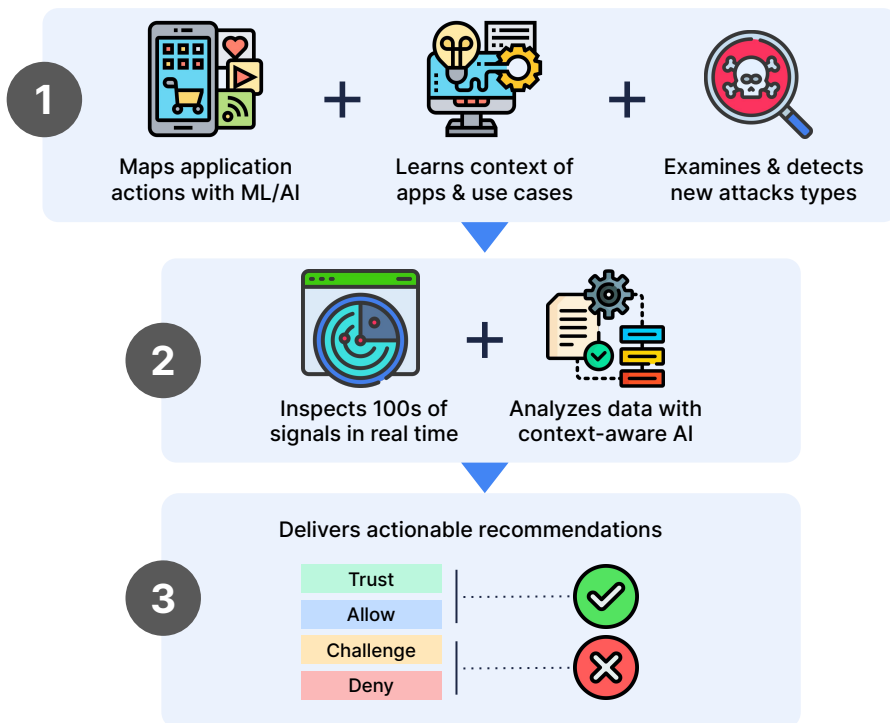
## Key Benefits

-  **Detects fraud with precision**  
 Multi-method detection plus AI-driven context analysis pinpoint fraud with high accuracy, reducing error rates by 90%.
-  **Responds to new threats**  
 Dynamic threat response automatically creates new detection mechanisms to address new fraud tactics – immediately.
-  **Eases friction for customers**  
 Continuous trust profiling and stronger device fingerprinting allow you to remove MFA or step-ups for customers who’ve established a high level of trust.
-  **Lowers complexity & costs**  
 Unified solution delivers more detection mechanisms in one service layer, while reducing time and cost to manage. No UI changes or custom code required.
-  **Delivers immediate value**  
 Cloud-native service with easy-to-use APIs/SDKs instantly give you visibility of indicators & recommended actions.
-  **Solidifies security**  
 Gain visibility & control with continuous fraud protection built into the fabric of a complete customer identity and access management (CIAM) platform.

## Adapt to Risk, Trust, Fraud, Bots & Behavior in Real Time

**Detection and Response Services** provide continuous, adaptive protection against fraudulent account opening and account takeovers (ATO) — before, during and after authentication.

- **Multi-method detection** processes hundreds of telemetry types and compares it to known fraud patterns and trusted customer behavior to assess risk and trust in real time.
- **Embedded orchestration** eliminates the need to build and maintain layers of decisioning rules. Our service does it for you. Machine learning (ML) and AI evaluate signals within the full context of your application and use case to make smart, accurate recommendations.
- **Dynamic threat response** uses ML and AI to automatically detect zero-day threats, collect telemetry and analyze new attack patterns. We continuously add new detection mechanisms, so you can then automate detection and response to emerging tactics in real time.



**Transmit Security named 'Overall Leader'**  
in 3 ranking reports: Fraud Reduction Intelligence,  
Passwordless Authentication and CIAM Platforms.

### Use Cases

#### Reduce account opening fraud

- Registration bots
- Synthetic identities

#### Account takeover protection

- During/after authentication
- FIDO risk engine
- Challenge risk on demand

#### Bot detection

- Automation frameworks
- Credential stuffing
- Brute force, etc.

#### Secure high-risk actions

- Account recovery
- Large transactions
- Sensitive actions

#### Improve customer experiences

- Remove step-ups or MFA for trusted customers and devices

### Improve Business Outcomes

- Reduce false positives and false negatives by 90%
- Reduce new account operational costs by 80%
- Reduce bots by 98%
- Improve device fingerprinting accuracy to 99.7% or better
- Reduce friction, CAPTCHA and MFA challenges by 80%
- Reduce complexity & costs with 1 unified solution for risk, trust, fraud, bots & behavior

## Accelerate your deployment & time to value

**Detection and Response Services** deliver value on day one. Using standard APIs, connectors and SDKs, your developers will see accurate detection results and recommended actions in minutes, with as little as four lines of code. As decisioning rules, AI and ML are tuned and optimized, your results will continue to improve CX and security.

### Gain full visibility of suspicious activity

Actionable recommendations immediately appear in the admin dashboard, along with the key indicators on which the recommendation is based. With a single API call, you can act on those recommendations automatically. The dashboard also gives you a summary of recommendations, including the top reasons for challenging or denying specific actions. You'll spot trends in attacks that are targeting your business.

## Backed by the Transmit Security Research Lab

Benefit from the expertise of our security researchers who scour the dark web, social media, closed forums and open-source websites to analyze new attack methods when they first emerge. They apply their findings to continually update our machine learning algorithms to catch new evasive techniques — giving you security that evolves as quickly as threats.

**Welcome customers in. Lock fraudsters out.**

Transmit Security continuously protects customer accounts while improving CX. Visit [transmitsecurity.com](https://www.transmitsecurity.com) to learn more.

### Explore our full CIAM Platform

- Authentication
- Identity Management
- Identity Verification
- Data Validation
- Orchestration
- Detection and Response

## About Transmit Security

Transmit Security gives businesses the modern tools they need to build secure, trusted and end-to-end digital identity journeys to innovate and grow. CX-focused, cybersecurity-conscious leaders rely on Transmit Security's CIAM platform to provide their customers with smooth experiences protected from fraud across all channels and devices. Transmit Security serves many of the world's largest banks, insurers, retailers and other leading brands, collectively responsible for more than \$1.3 trillion in annual commerce. For more information, please visit [www.transmitsecurity.com](https://www.transmitsecurity.com).