

Autonomous TPRM With Agentic AI

A Solution Guide on How SAFE Is
Transforming TPRM



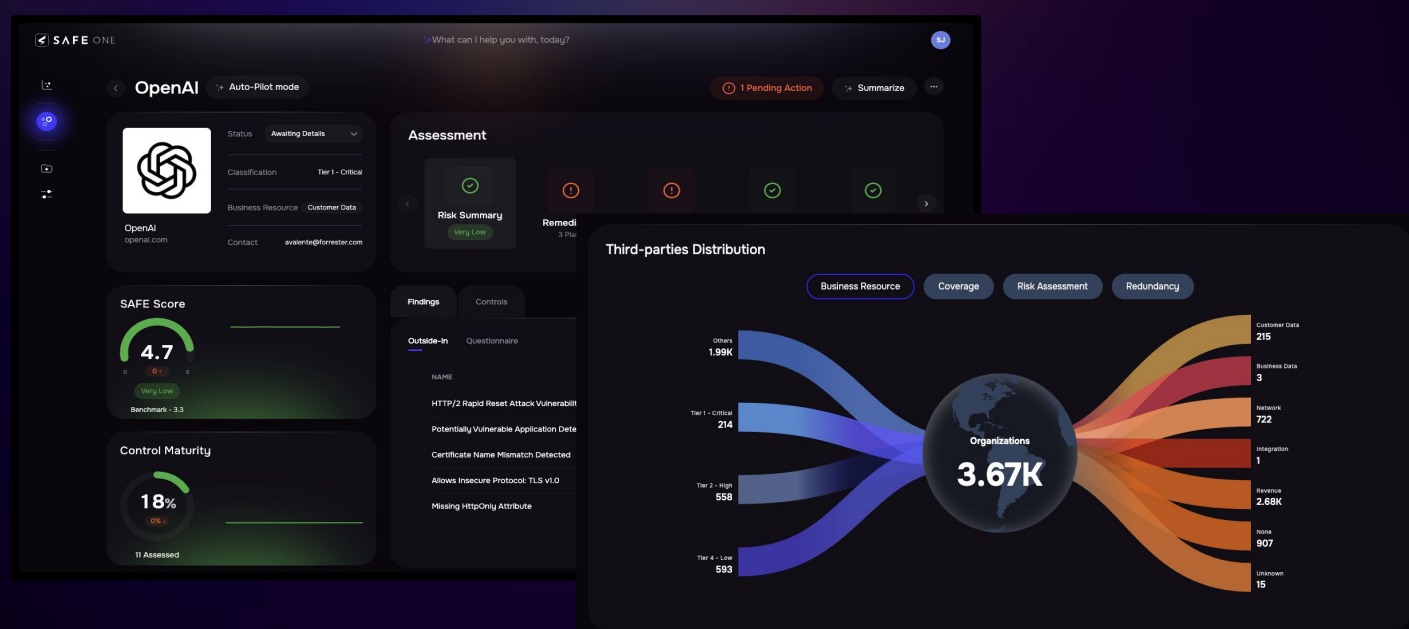
SAFE TPRM: AI-Powered. Fully Autonomous. Truly Risk-Based.

Traditional third-party risk management (TPRM) is fundamentally broken. It's slow, overly manual, compliance-focused, and blind to the real risks enterprises face today. TPRM teams are buried under spreadsheets, bogged down by endless vendor coordination, and forced to make decisions using static, outdated risk scores that fail to reflect business impact.

SAFE TPRM changes that. It's the industry's only **100% autonomous** TPRM platform powered by **Agentic AI** built to eliminate inefficiencies and bring real intelligence to vendor risk management. SAFE's intelligent AI Agents automatically discover third- and fourth-party vendors, tier and assess them based on actual loss exposure, and continuously monitor risk in real time.

What SAFE TPRM Powers for You:

- ✓ **Onboarding & Due Diligence** – Instantly discover, onboard, and assess new vendors.
- ✓ **Risk Assessment** – Automate vendor assessments using real data and contextual validation.
- ✓ **Operational Resilience** – Identify risks that can disrupt critical operations and act before impact.
- ✓ **Continuous Monitoring** – Track vendors continuously, not just once a year.
- ✓ **Regulatory Reporting** – Generate audit-ready reports aligned to frameworks like NIST, ISO, etc.
- ✓ **Vendor Monitoring** – Score vendors beyond controls using loss exposure and responsiveness.
- ✓ **Vendor Offboarding** – Ensure secure disengagement and control validation during exit.



AI-Powered Coverage Across the Full TPRM Lifecycle

SAFE TPRM is designed to automate and optimize every stage of the third-party risk management lifecycle. From onboarding and assessments to monitoring, compliance, and offboarding – each phase is powered by intelligent AI agents built to reduce manual effort, accelerate outcomes, and enhance security posture.

This solution guide is structured around the **seven core use cases** that define SAFE's approach to modern TPRM. Each section highlights how SAFE transforms traditional workflows with AI-driven automation, contextual risk insights, and scalable performance, delivering continuous value across your entire vendor ecosystem.





Solution Highlights

01 | Onboarding & Due Diligence

Accelerate third-party onboarding with AI-powered intelligence and automation.

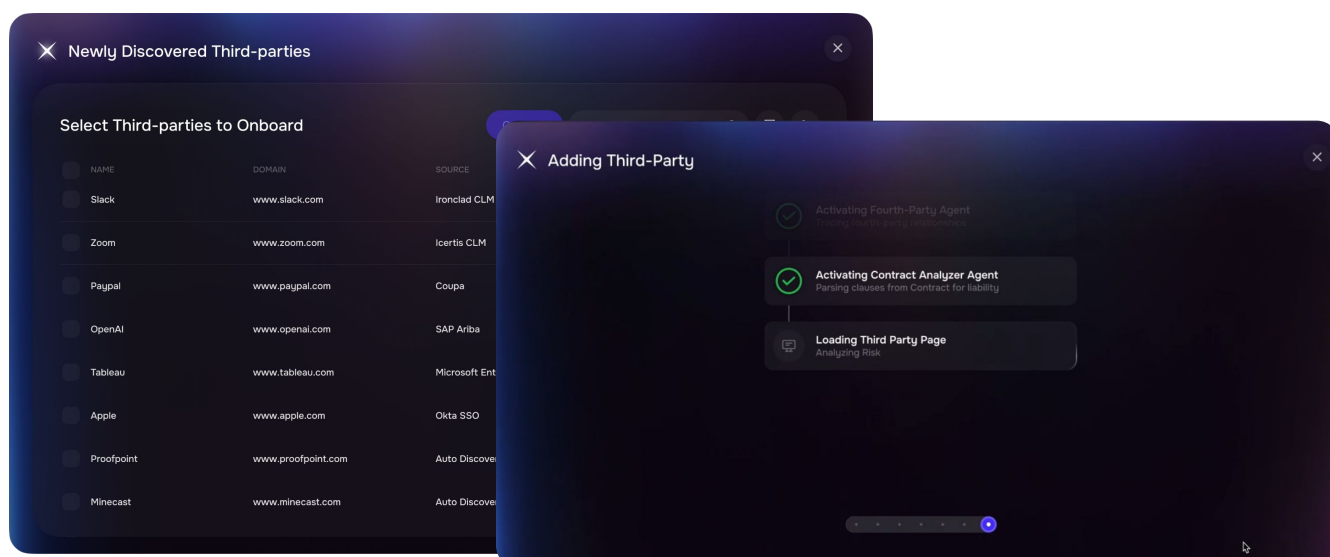
Traditional onboarding is manual, slow, and risk-blind. SAFE TPRM transforms this critical stage with autonomous AI agents that streamline third-party discovery, intake, and contextual risk evaluation – delivering a faster, smarter, and truly risk-informed onboarding experience.

What SAFE TPRM Enables:

- **AI-Driven Intake Form Analysis**
Parse and understand third-party intake responses instantly with LLM-powered processing to surface hidden risks from the start.
- **Automated Third-Party Discovery**
Dynamically discover and validate third-party relationships across your enterprise ecosystem, including shadow vendors.
- **Smart Tiering from Day One**
Instantly prioritize vendors based on business context, attack surface, access level, and potential financial loss not generic categories.
- **Due Diligence with Contextual Depth**
Combine outside-in security posture, breach intel, and firmographic data for a holistic risk view during onboarding.
- **Contract Intelligence & Summary Automation**
Automatically extract key metadata from contracts, generate pros and cons for quick evaluation, and surface annotated excerpts for faster decision-making.

Key Benefits:

SAFE TPRM shortens onboarding timelines from **weeks to hours**, by automating intake analysis and third-party discovery. More importantly, it ensures smarter onboarding decisions by identifying critical risks early and prioritizing vendors based on real business and cyber risk exposure.





02 | Risk Assessment

Replace spreadsheets with real-time, risk-based cyber assessments.

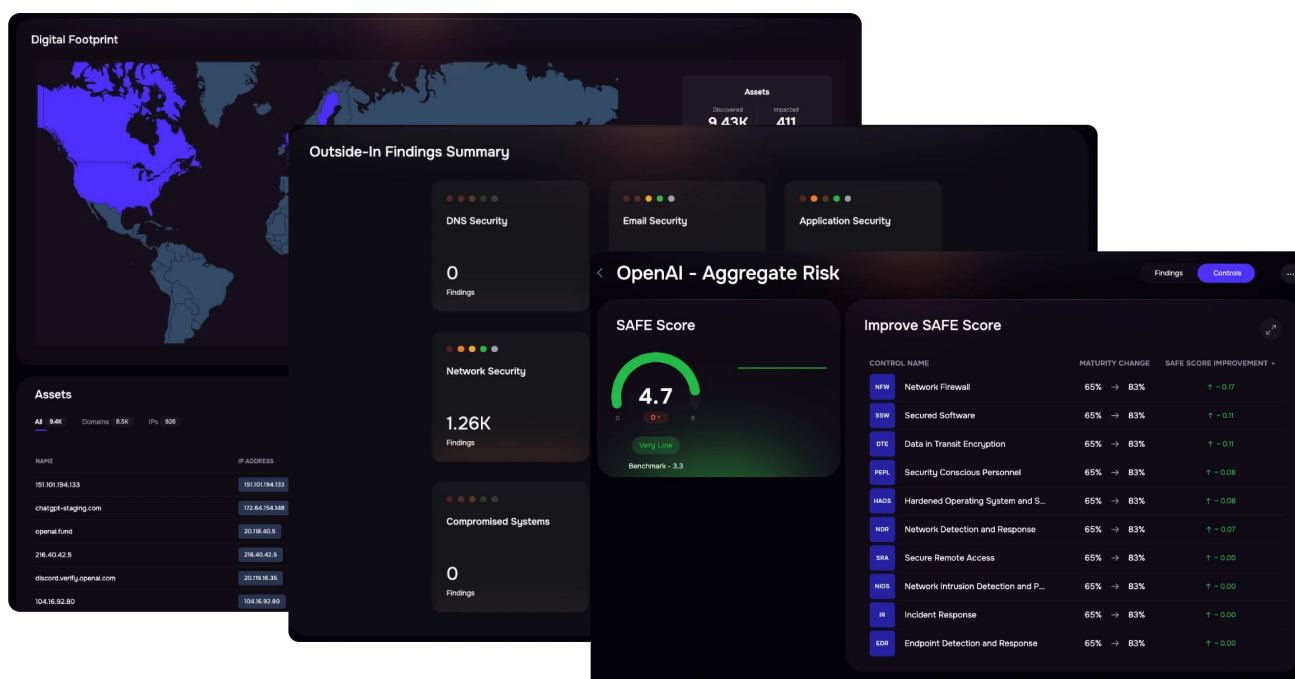
Traditional risk assessments are static, surface-level, and spreadsheet-driven. SAFE TPRM replaces this outdated model with an intelligent, automated process powered by AI agents enabling deep, continuous, and business-aligned risk evaluation from day one.

What SAFE TPRM Enables:

- **AI-Populated Risk Profiles**
Instantly enrich third-party risk profiles by auto-ingesting firmographic data, breach history, business context, and digital footprint – no manual research required.
- **Outside-In and Inside-Out Risk Visibility**
Combine external threat intel with internal questionnaire data to evaluate real security posture not just checkbox compliance.
- **Continuous Threat and Control Monitoring**
Leverage SAFE's Agentic AI to automatically detect control weaknesses, breach signals, and public risk indicators across vendors in real time.
- **LLM-Powered Questionnaire Analysis**
Ingest vendor responses using large language models to highlight misalignments, identify evasive answers, and flag risk blind spots immediately.
- **Contextual Risk Tying**
Prioritize vendors not by size or spend, but by potential business disruption and financial exposure in real-world cyber risk scenarios.

Key Benefits:

SAFE TPRM eliminates manual risk assessments and brings speed, intelligence, and scale to your TPRM operations. It enables teams to focus on actual cyber risk not paperwork by delivering real-time insights, automated tiering, and prioritized mitigation strategies. The result? A program that scales with your ecosystem and delivers continuous, contextual cyber risk visibility without increasing workload.





"You've really brought true innovation to cybersecurity risk management. We're completing assessments faster and with more insight than ever, and the best part is, it requires almost zero effort from my team. I've gained maturity and capacity without adding headcount."

- Dr. Heather Dart, Sr. Manager of IRM at Danaher



03 | Operational Resilience

Minimize disruptions and maintain business continuity with AI-powered risk operations.

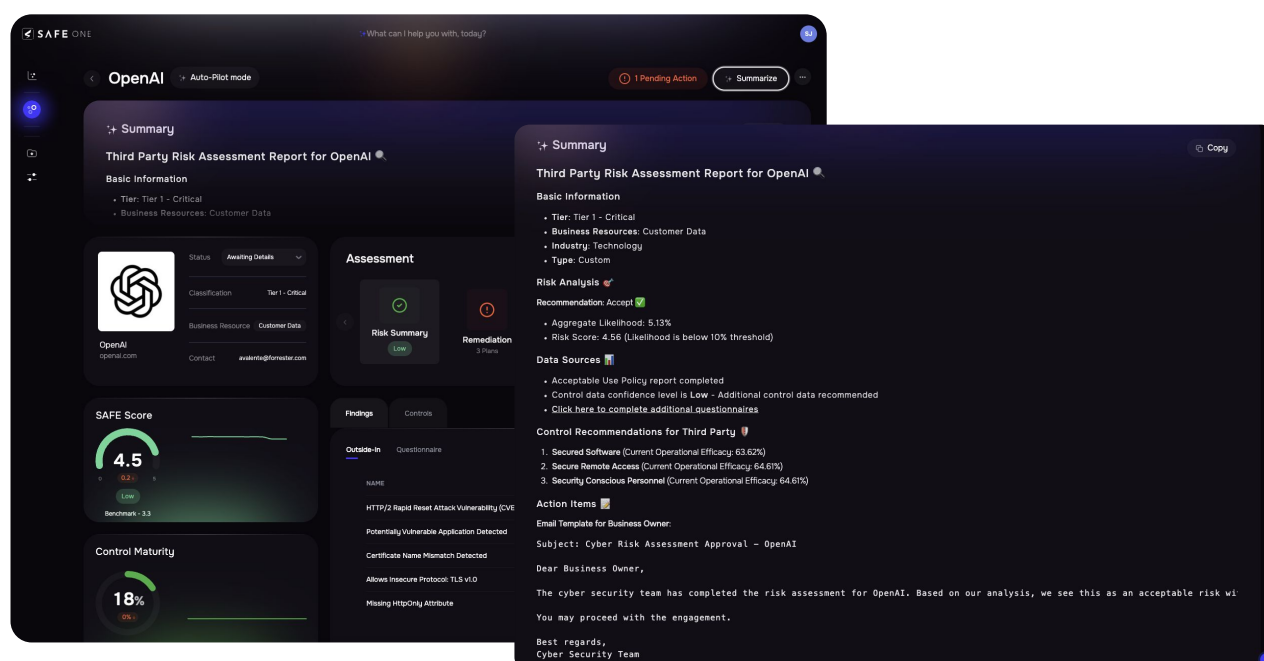
Operational resilience depends on proactive risk mitigation not reactive firefighting. SAFE TPRM empowers organizations to anticipate, absorb, and adapt to disruptions with intelligent automation, real-time risk visibility, and AI-generated recommendations that strengthen enterprise resilience across the third-party ecosystem.

What SAFE TPRM Enables:

- **AI-Powered Resilience Recommendations**
Automatically receive tailored, scenario-based suggestions to improve risk posture and mitigate vulnerabilities before they escalate into disruptions.
- **Risk-to-Impact Mapping**
Understand how third-party risks affect critical business services, enabling more informed prioritization and continuity planning.
- **Smart Resource Allocation**
Use risk scores, tiering, and loss exposure to direct mitigation efforts where they'll have the greatest operational and financial impact.
- **Real-Time Risk Summaries for Decision Support**
Summarize complex vendor risk data into actionable, executive-ready insights, generated instantly by SAFE's Agentic AI.
- **Resilience by Design**
Build resilience into the vendor lifecycle with integrated monitoring, automated enforcement of resilience controls, and pre-breach action planning.

Key Benefits:

SAFE TPRM makes operational resilience actionable. By aligning third-party risk insights with business priorities, it enables companies to identify weak points, predict disruption, and reduce downtime. **The result:** stronger business continuity, smarter response strategies, and more resilient third-party ecosystems.





04 | Continuous Monitoring

Move beyond point-in-time assessments with real-time risk intelligence.

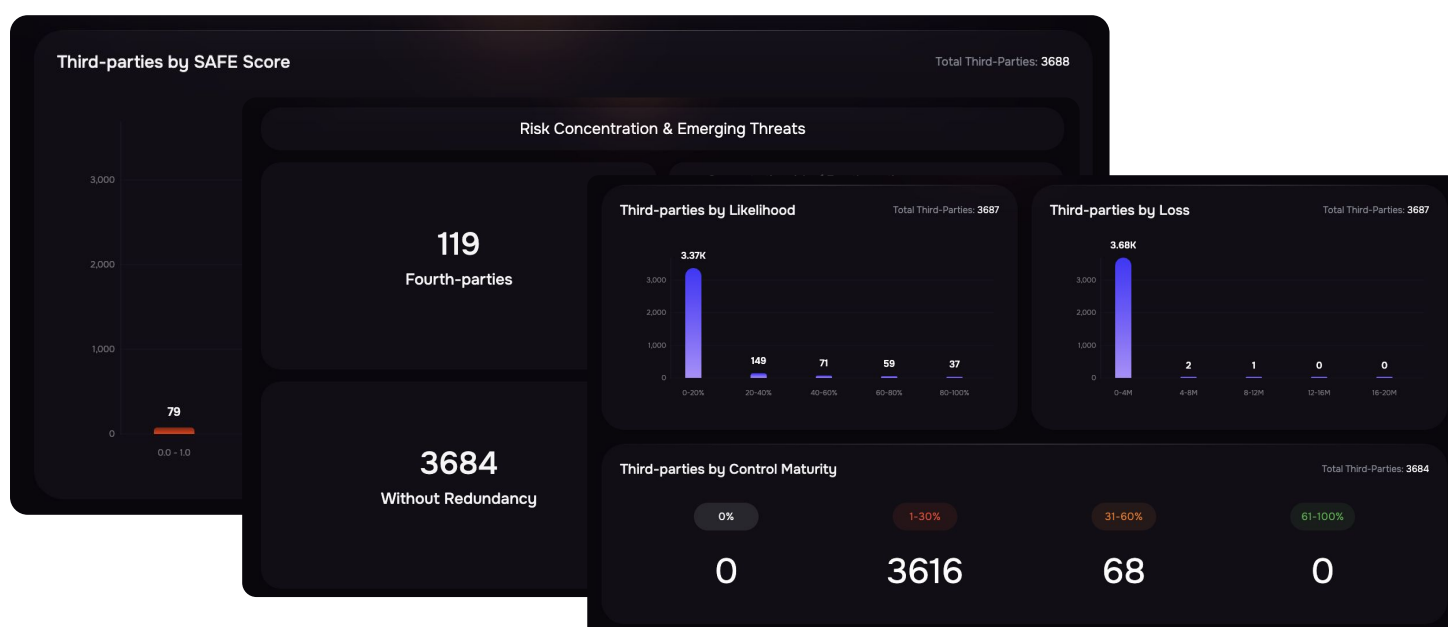
Traditional TPRM programs rely on annual reviews and static snapshots leaving organizations blind to fast-moving threats. SAFE TPRM replaces this outdated model with continuous, automated monitoring that adapts to evolving vendor risk in real time.

What SAFE TPRM Enables:

- **Real-Time Risk Detection**
Once a third party is approved, **fully or with contingencies**, SAFE begins real-time monitoring across multiple channels to flag any changes in risk posture immediately.
- **Outside-In Vulnerability Scanning**
SAFE's external scanner continuously checks vendor digital footprints for new vulnerabilities, misconfigurations, expired certificates, and other signs of exposure.
- **Public Data AI Agent**
Monitors regulatory filings, breach disclosures, threat intel feeds, and industry reports automatically linking relevant risk events to vendor profiles.
- **Proactive Notifications via Communication AI Agent**
TPRM analysts are alerted via email, Slack, and in-app notifications when a risk emerges ensuring no time is lost between detection and action.
- **Dynamic Risk Scoring**
Risk scores are continuously updated using telemetry, vendor behavior, and external intelligence ensuring your risk view is always current and contextual.

Key Benefits:

SAFE TPRM turns static TPRM into a living, always-on defense system. By identifying issues early and assigning immediate follow-up actions, SAFE TPRM reduces your window of exposure often preventing small oversights from escalating into costly breaches. Organizations using SAFE TPRM see faster threat detection and incident response times, strengthening their security posture while preserving trust across every vendor relationship.





05 | Regulatory Compliance & Reporting

Simplify compliance and streamline audit readiness with AI-driven insights.

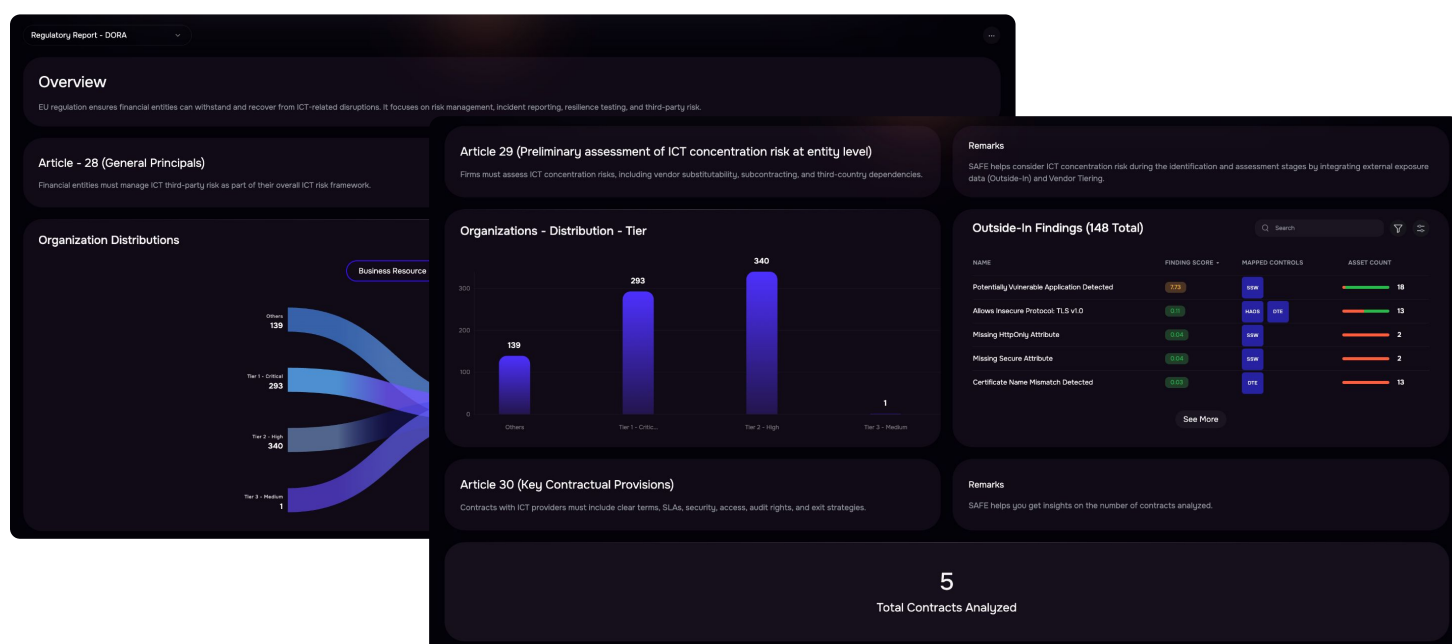
Regulatory expectations around third-party risk are growing more complex and more urgent. SAFE TPRM streamlines compliance across every stage of the vendor lifecycle with automated tracking, audit-ready reporting, and AI-generated insights that reduce overhead and help you meet evolving standards with confidence.

What SAFE TPRM Enables:

- **Compliance Visibility**
Automatically scan trust centers to extract key compliance artifacts aligned with frameworks like NIST, ISO, GDPR, and HIPAA giving you a real-time view of vendor certifications without manual tracking.
- **AI-Generated Audit Reports**
Instantly generate defensible, board-ready reports that summarize vendor risk status, financial impact, control gaps, and remediation progress.
- **Continuous Evidence Collection**
SAFE ingests evidence such as policies, certificates, and vulnerability scans, keeping compliance documentation updated and verifiable.
- **Risk-Informed Compliance Scoring**
Go beyond checklists assess compliance based on actual cyber risk, mapped to financial exposure and business impact.
- **Tracking Across Vendor Lifecycle**
Monitor regulatory posture from onboarding to offboarding, with version-controlled audit trails and time-stamped control validations.

Key Benefits:

SAFE TPRM transforms compliance into a proactive, intelligent process. You save time, reduce audit stress, and ensure defensible compliance across every stage of the vendor lifecycle while also demonstrating ROI and risk reduction to regulators and internal stakeholders alike.





06 | Third-Party Vendor Monitoring

Transform vendor interaction into a seamless, automated experience.

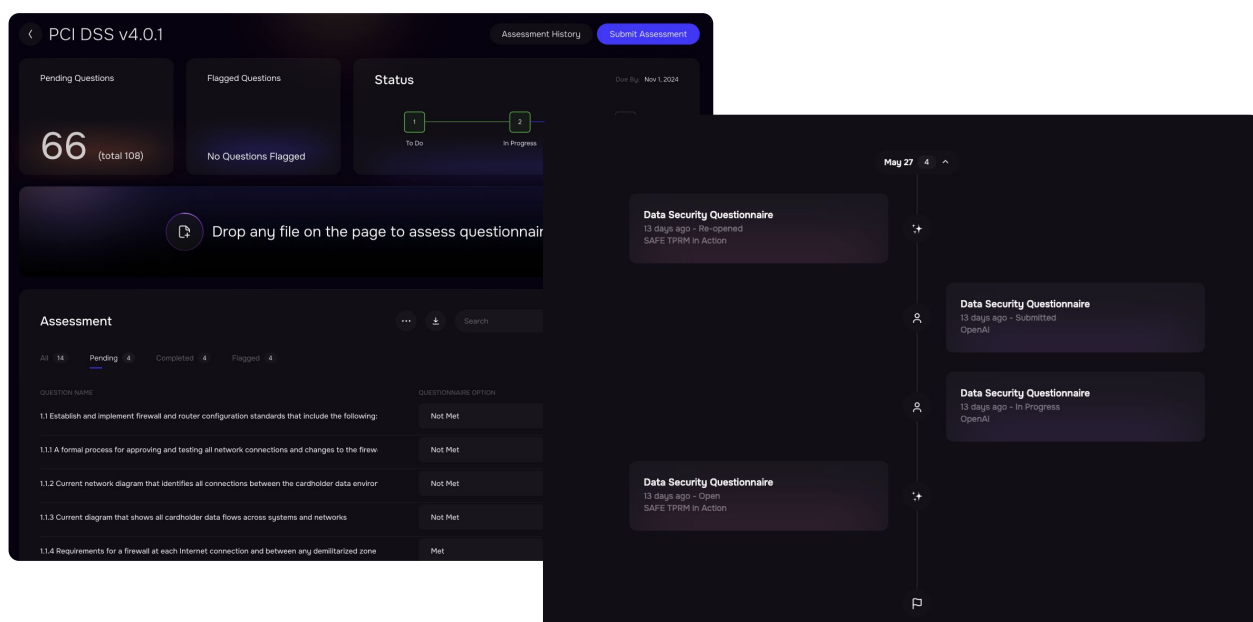
Traditional vendor management often creates unnecessary friction—lost emails, missed deadlines, and unclear expectations that slow down the risk management process. SAFE TPRM changes that by enabling effortless collaboration between you and your vendors through its intelligent Vendor Interaction AI Agent.

What SAFE TPRM Enables:

- **Effortless Vendor Engagement**
Vendors receive a direct email invite with a login to the SAFE portal. From there, they can instantly access outstanding requests such as submitting custom questionnaire with the compliance report.
- **Streamlined Submission Workflow**
With just a few clicks, vendors can upload required documents, answer outstanding questions, and track their progress in a clear, centralized dashboard.
- **Autonomous Questionnaire Completion**
SAFE's AI maps discovered public data to questionnaire controls, pre-fills answers with rationale, and attaches supporting evidence, delivering partially or fully completed questionnaires with traceability.
- **Follow-Ups Without Manual Chasing**
SAFE TPRM automates reminder emails and follow-ups for pending assessments, keeping vendors on track and your team updated in real time.
- **Full Visibility & Real-Time Status Tracking**
Both you and your vendors can monitor status, pending tasks, and approval outcomes all within a single, easy-to-use interface.

Key Benefits:

SAFE transforms the entire vendor interaction experience minimizing delays, improving response quality, and fostering stronger third-party relationships.





07 | Third-Party Offboarding

Secure, compliant, and complete offboarding powered by intelligent automation.

Most organizations have a strong onboarding process, but offboarding often gets overlooked leaving sensitive data, access rights, and contractual obligations unaddressed. SAFE TPRM ensures nothing slips through the cracks with automated workflows that close the loop securely and efficiently.

What SAFE TPRM Enables:

- **AI-Triggered Offboarding Workflows**

When offboarding is triggered, SAFE's AI scans contracts, risk profiles, and prior assessments to identify any lingering obligations, dependencies, or risk exposures.

- **Automated Verification**

SAFE initiates automated workflows requesting the vendor to provide evidence of data deletion and system access revocation flagging gaps or non-compliance for follow-up.

- **Contractual Safeguard Enforcement**

SAFE checks for any remaining contractual obligations like return of assets, compliance documentation, or final assessments and tracks them to completion.

- **Residual Risk & Dependency Analysis**

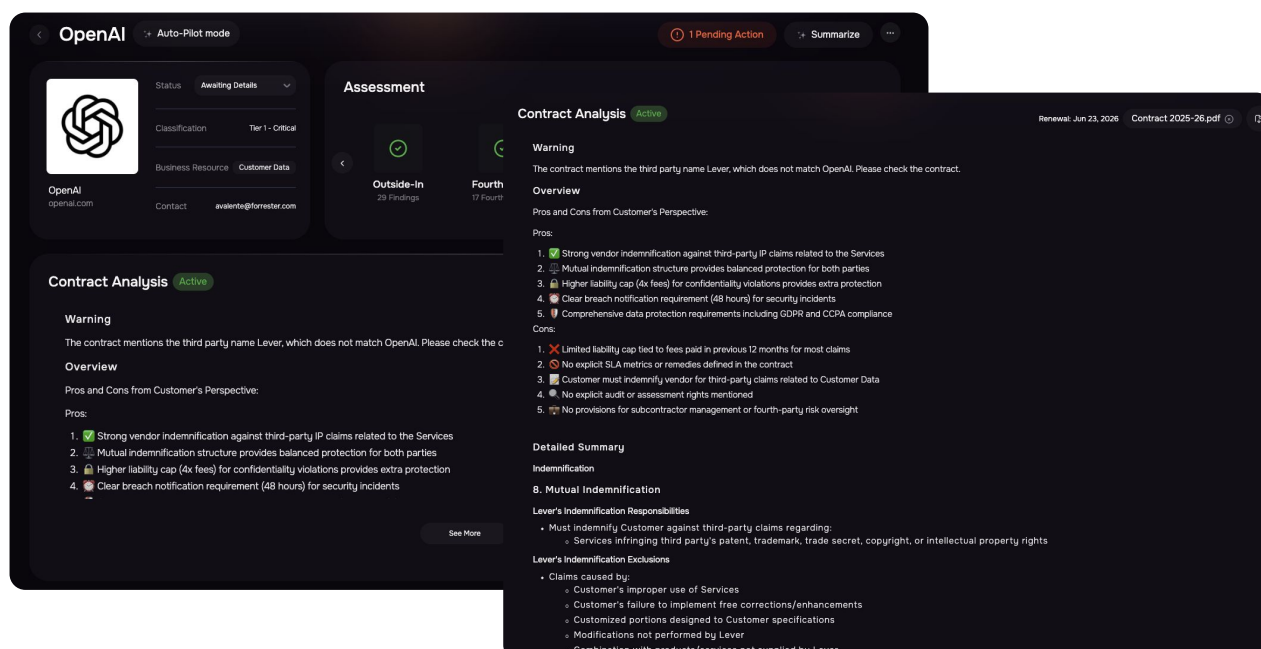
Identify potential downstream or fourth-party risks tied to the offboarded vendor and receive recommendations for risk mitigation.

- **Final Approval & Documentation**

Once all obligations are met, SAFE automatically closes the offboarding record, creating a full audit trail of actions taken and approvals granted.

Key Benefits:

Offboarding isn't just a checkbox it's your last line of defense. SAFE TPRM gives organizations the tools to offboard vendors securely, ensure compliance, and preserve trust. With AI-driven workflows and intelligent follow-through, you eliminate loose ends, reduce residual risk, and ensure every exit is as secure as the entrance.



Meet Your Specialized AI Agents

Behind SAFE TPRM is a purpose-built ecosystem of intelligent AI agents each designed to automate a critical part of the third-party risk lifecycle. From onboarding and assessments to ongoing monitoring and offboarding, these agents operate continuously and collaboratively to eliminate manual tasks, reduce risk exposure, and dramatically accelerate decision-making.

SAFE TPRM AI Agents

Public Records Agent

Surfaces critical risk signals from multiple sources like SEC filings, breach databases, trust centers, and more

Digital Footprint Agent

Builds a third party's digital risk profile using domain data and online presence

Outside-In Agent

Continuously scans a vendor's external attack surface to identify exposed assets and risks

Trust Center Agent

Parses trust centers to auto-extract certifications, policies, and security artifacts

Fourth-Party Agent

Uncovers hidden fourth parties by mapping downstream vendors like AWS, Slack, Okta, and more

Contract Intelligence Agent

Analyzes contracts to flag missing clauses, compliance risks, and security misalignments

Communication Agent

Automates reminders, clarifications, and auto-drafts follow-ups to vendors

Monitoring Agent

Tracks third-party risk posture over time and alerts on key changes, breaches, or reassessment triggers

Evidence Analyzer Agent

Reviews uploaded documents and auto-classifies them enabling quick analysis and review

Ready to reinvent your TPRM program with 100% autonomous TPRM? [Schedule your 1:1 demo](#) with a cyber risk expert to see how we can enable your business, or see it for yourself with a [test drive](#)!



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