

# Security Assessment Framework For Enterprise

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SAFE is an **enterprise-class, unified, and real-time Cyber Risk Quantification (CRQ)** platform that offers a comprehensive solution by considering both the technical and business aspects to enable informed and prioritized decision making. SAFE has a unique assessment approach across an organization's five vectors - People, Policy, Technology, Cybersecurity Products, and Third-party.

Through this assessment, SAFE assimilates cybersecurity signals, external threat intelligence, and business context to generate a 'Risk Score' per vector. This score elucidates your enterprise's compliance & policy adherence, dollar value impact along with your cyber insurance liability in case of a data breach. SAFE also helps you visualize your cybersecurity posture with ATT&CK simulations. Based on these signals, SAFE then generates easy-to-follow, prioritized & actionable insights that are tailor-made for your enterprise to help you improve your cybersecurity posture on a continuous basis.



# Input to SAFE (Assessments)

## People



- Cybersecurity Awareness Assessment leveraging 150+ Training Modules (multi-language) available on iOS, Android, and Web application
- Deep Web exposure of sensitive user data
- Mobile device assessment

## Policy



- Monitor 40+ cybersecurity policies with 4000+ controls derived from globally accepted standards
- Automated assessment of policy controls

## Technology



- Monitor 100+ unique technologies across 12 verticals, including AWS, and Azure services
- Configuration Drift Assessment based on CIS benchmark
- Custom security hardening policies
- Vulnerability Management through integrations with leading VA Tools
- Automated Asset Discovery and Dynamic Smart Asset Groups
- Assessment of Cloud SaaS products including Salesforce, Snowflake, Google Suite, and Office 365

## CSP



- Monitor 32+ product categories based on hack data analysis
- Integration with various cybersecurity products to pull security insights
- View of Recommended cybersecurity products as per organization's Geography, Industry and Size

## Third-party



- SAFE Score for overall Third-party portfolio
- Monitor cyber risk posture of each Third-party
- Digital Attack Surface Discovery based on domain name
- 100+ Automated Outside-in assessment controls
- Email Security, Network Security, DNS security, System Security, Application Security, Malware Servers, and Breach Exposure

# Output from SAFE (Results)

## SAFE Score



- Macro View: SAFE Score for Overall Organization, Line of Business, Crown Jewels, etc.
- Micro View: SAFE Score for each employee, policy, technology, cybersecurity product, and third-party
- Custom View: SAFE Score on the fly for custom Smart Groups
- SAFE Score Simulation to visualize the improvement in cyber risk posture.
- SAFE Recommendations; What's going well? and What can be done better?

## Financial Risk & Cyber Insurance



- Overall Financial Risk with or without cyber Insurance
- Simulation of financial loss exceedance curve based on SAFE score
- Access your cyber Insurance policy right from the platform
- Breach Cost Calculator

## Compliance Management



- Support to 12+ Global Standards including NIST, ISO, HIPAA, PCI-DSS, etc.
- Real-time Compliance Status and Monitoring
- Compliance Crosswalking
- Automation of compliance controls

## ATT&CK and Hack Simulation



- View real-time security status of 450+ Techniques based on MITRE based ATT&CK Matrix
- View Likelihood of particular attack types like Ransomware, Business Email Compromise (BEC), DDoS, Data compromise, etc.

## Reporting & Notification



- 50+ out of the box reports
- Schedule automated or on-demand report generation
- Reports for Overall cybersecurity risk posture, individual assets and asset groups, compliance, third-party, and many more.
- Generate SAFE Recommendations report.
- Get instant Email, SMS or Voice Call Notifications for any drift in SAFE Scores.

# TOP Use Cases

## UC - 01



### Monitor, Quantify, and Report Breach Likelihood

SAFE measures the effectiveness and transparency of an organization's cyber risk management by integrating technical cybersecurity signals, external threat intelligence, and the business context of what and where are the "weakest links" across People, Process, Technology, and Third-party.

## UC - 02



### Human Risk and Insider Threats

Re-engineer your employees' cyber consciousness by continuously monitoring their cybersecurity awareness, behavior, mobile devices, deep and dark web exposures, and more. SAFE offers mobile and web-based applications to engage with every employee making cybersecurity learning a customized & engaging experience while assessing their readiness.

## UC - 03



### Third-party Risk Management

SAFE provides organizations the visibility into their third-parties cyber risk posture so that informed business decisions like vendor onboarding, M&A, sensitive data sharing, etc., can be made. By following this 360-degree approach of third-party risk, organizations can reduce the likelihood of operational failures, data breaches, vendor bankruptcy, and more.

# Key Benefits



SAFE is a comprehensive platform that provides a singular view to your organisation to track your enterprise-wide cybersecurity posture.



SAFE automates manual assessments that brings in work efficiencies by eliminating the need for monitoring through multiple applications & platforms.



SAFE alerts organizations based on drifts in SAFE Score which encapsulate the security gaps across IT infrastructure including on-prem and cloud assets.



SAFE provides metrics that can be used to improve the cybersecurity posture of an organization.



SAFE is enterprise ready with the ability to integrate with Ticketing tools, Single Sign-On (SSO), CMDBs, and leading PIM/PAM tools.

## SAFE is a SaaS solution



- SAFE is SOC2 Type 1 certified.
- SAFE can be provisioned on cloud within minutes
- SAFE instance on cloud is supported on one of the 6 AWS regions worldwide.
- SAFE can be provisioned on a customer-specific URL with domain <customer>.safescore.ai.
- Customers can bring their own encryption key to encrypt all the customer data on SAFE.

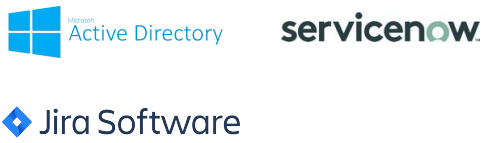
# Integrations

SAFE integrates seamlessly with following industry leading assessment and management tools:

## VA/DAST/SAST Tools



## Enterprise IT Management Tool



## PIM/ PAM Tools



## Cybersecurity Tools



# Performance Highlights

Supports assessments of upto 100,000 assets per instance

## Agentless Assessment

- 60 to 180 seconds per assessment  
(depends upon technology)

## Agent Based Assessment

- 60-90 seconds per assessment
- Less than 0.01% CPU consumption
- Less than 1KB N/W bandwidth consumption



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