MITRE's System of Trust™

MITRE's System of Trust (SoT) is a comprehensive framework designed to assess, communicate, and mitigate risks across supply chains, particularly those involving technology, software, hardware, and service providers. As supply chains become increasingly global and complex, SoT offers a structured, evidence-based approach to evaluating the trustworthiness of suppliers and their products.

At its core, SoT defines a catalog of over 700 risk factors organized into **15 top-level categories** spanning three dimensions:

- **Suppliers** risks related to ownership, governance, financial health, foreign control, legal and regulatory standing, and ethical practices.
- **Supplies** risks associated with the integrity, security, quality, provenance, and reliability of the products or services delivered.
- Services risks tied to the operational and lifecycle practices of suppliers, such as development processes, cybersecurity maturity, transparency, and responsiveness to



Supplier Organizational Effectiveness Risks

Supplier Ethical Risks Supplier External Influences

The framework enables organizations to:

Supply Availability Risks

- Standardize risk assessments across industries, ensuring consistent evaluation of suppliers and supply chains.
- Support informed decision-making by mapping specific risks to mission and business priorities.

Service Security Risks

Service Integrity Risks

- Enable repeatable, data-driven processes that can scale across multiple suppliers and acquisitions.
- Facilitate collaboration and communication by using a common language for discussing supply chain risk.

MITRE's SoT can be applied in diverse contexts, including procurement, compliance, risk management, and national security. By providing a holistic, structured, and transparent way to assess supplier and supply chain risk, SoT strengthens organizational resilience against threats such as counterfeit components, cyber compromise, unethical practices, and supply disruption.

In essence, the System of Trust shifts the conversation from ad-hoc evaluations to a repeatable, rigorous, and actionable model of supply chain trustworthiness, enabling organizations to better safeguard their operations, missions, and stakeholders.

https://sot.mitre.org/