

# Threat Risk Assessment Services

## Overview

Solana's IT Security Threat and Risk Assessments (TRA) help organizations enhance their IT security posture. A TRA provides organizations with a thorough understanding of threats to its IT systems, the risk exposure and recommendations for appropriate protection.

Organizations require periodic TRAs on various aspects of their IT infrastructure to ensure that their IT security posture is not compromised and risk is managed proactively.

Solana's TRA recommendations strengthen an organization's ability to protect confidentiality, integrity and availability of its data. The TRA uses a collaborative process involving various stakeholders who can provide input as relevant.

Solana Networks has strong experience using various methodologies to conduct Threat & Risk Assessments. TRAs for the Canadian Federal Government have included methodologies such as HTRA (Harmonized Threat & Risk Assessment) and ITSG-33.

Solana's TRA approach can be tailored to meet the needs of each client. Here is how it works:

- Scope Definition - work with the client to define the scope of the TRA
- Data Collection – gather relevant data through interviews, meetings, and review of available documentation
- IT Security Policy Analysis - analyze policies and procedures based on best practices ISO 9001, 14001 and 2700x
- Statement of Sensitivity (SoS) - assets are identified and their value to the client determined based on their ranking (confidentiality, integrity, availability)
- Threat Analysis - identification and analysis of threats including human and non-human
- Risk Analysis - assessment of risk for vulnerable assets
- Recommendations - identify unacceptable risks, propose recommendations for additional security safeguards and risk mitigation strategy

TRAs should be part of a continual process where regular IT security reviews ensure that the protection mechanisms currently in place still meet the required objectives.

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