

TDAC SOAR

Holistic Platform for Security Orchestration, Automation, and Response (SOAR)

The TDAC SOAR module is an optional upgrade to the powerful TDAC Platform, introducing cutting-edge Security Orchestration, Automation, and Response (SOAR) capabilities. By leveraging AI-driven automations and orchestrations, TDAC SOAR takes your cyber security operations to the next level.

Comprised of intelligent hardware and software components, the TDAC SOAR module utilises purpose-built machine learning to detect, alert, and respond to anomalous behaviour. Coupled with advanced data analytics, TDAC SOAR provides a comprehensive toolset to support Incident Response, Digital Forensics, and Threat Hunting teams.



Key Benefits

PROACTIVE CYBER DEFENCE

Integrate with firewalls to automatically block malicious domains and IPs detected by our AI algorithms.

ACCELERATE MEAN TIME TO RESPONSE

Our ML models provide context alongside alerted threats or network issues, enabling SOC and NOC teams to act faster.

STREAMLINE SECURITY OPERATIONS

Orchestrate security workflows across tools and teams. Automate repetitive tasks to improve efficiency.

AI ENHANCED THREAT DETECTION

Purpose-built AI and ML models enable automated detection of malicious activity. Responses to detected threats can be user-defined.

UNIFIED SECURITY PLATFORM

Consolidate security tools and data sources into one single pane of glass UI for a centralised view of your network.

ENABLE COMPLIANCE

TDAC SOAR helps organisations progress towards compliance regulations such as PCI DSS, DORA, NIST, & NIS2.



Orchestration, Automation, & AI-Driven Response

The TDAC SOAR module integrates orchestration, automation, and AI-powered response capabilities to deliver a truly next-generation cyber security solution.

- Orchestrate security workflows across your entire ecosystem
- Automate repetitive tasks and incident response procedures
- Leverage AI and ML models for rapid anomaly and Domain Generation Algorithm (DGA) detection
- Integrate seamlessly with firewalls to automatically block malicious domains

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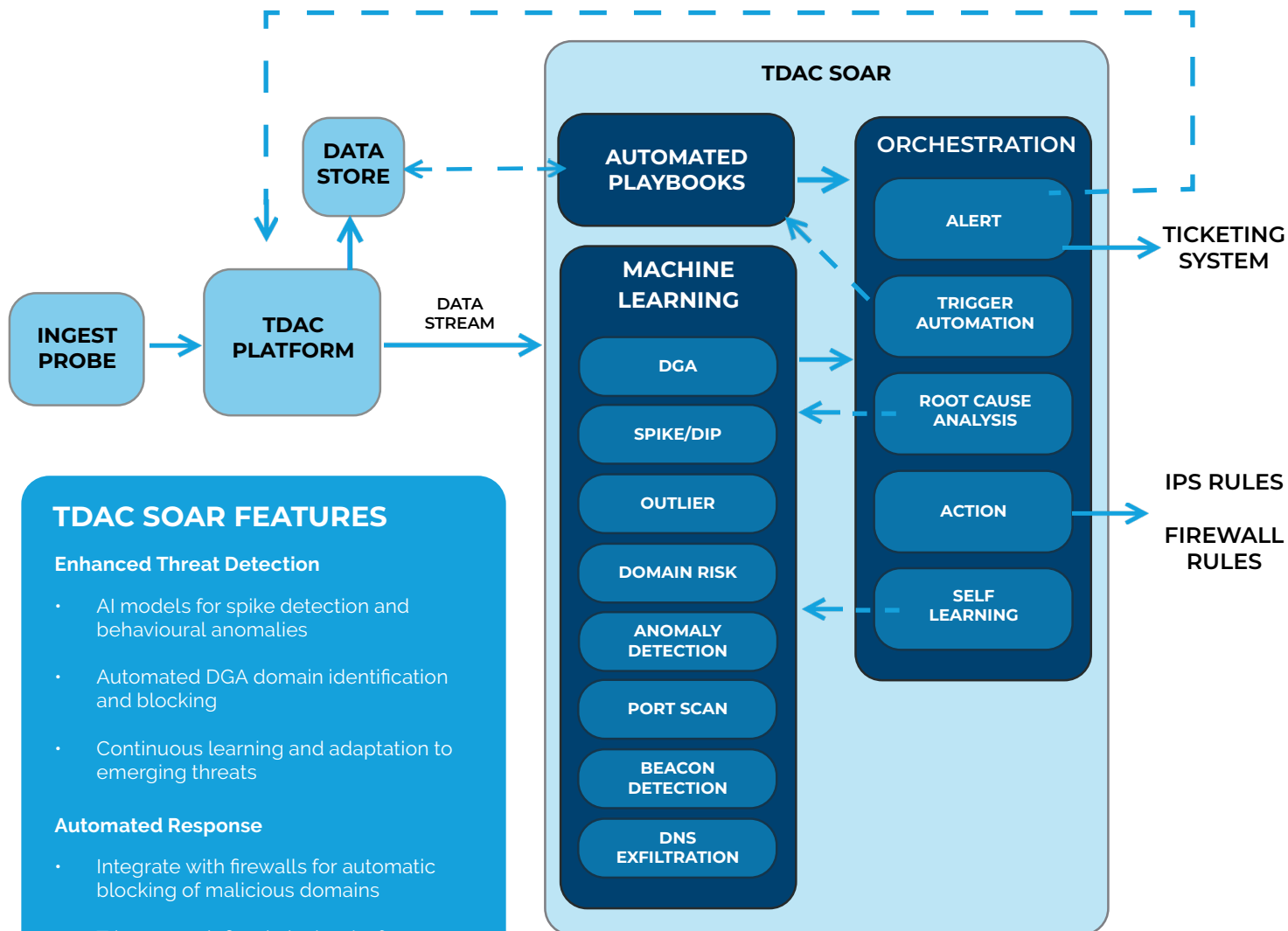
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Full Solution Architecture



TDAC SOAR FEATURES

Enhanced Threat Detection

- AI models for spike detection and behavioural anomalies
- Automated DGA domain identification and blocking
- Continuous learning and adaptation to emerging threats

Automated Response

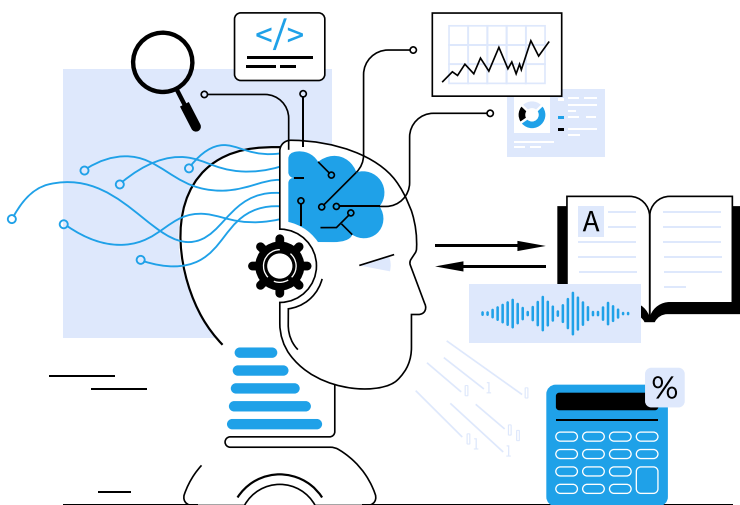
- Integrate with firewalls for automatic blocking of malicious domains
- Trigger predefined playbooks for common security incidents
- Accelerate mean time to detect (MTTD) and respond (MTTR)

AI-Assisted Decision Making

- Intelligent alert prioritisation based on threat severity and context
- Automated correlation of related security events
- AI-generated recommendations for incident response actions

Capacity Forecasting

- AI models analyse historical data and trends to forecast future demand and resource requirements



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