SurvAillant

Securing SCADA Based Systems through Proactive Monitoring, Audit and Control

Problem Statement

"SCADA devices are vulnerable to cyberattacks due to network communication but there is a lack of effective monitoring tools to proactively detect and mitigate potential malicious traffic. "

Proposed Solution

A low-cost, sentinel software, unwavering in its surveillance of SCADA network traffic, orchestrating rapid alerts to silence looming threats

Objectives

01 Creating a Specialized Security Solution for SCADA Systems

02 Providing an Open Source Software

03 Providing a Low-Cost Security Software.

Features

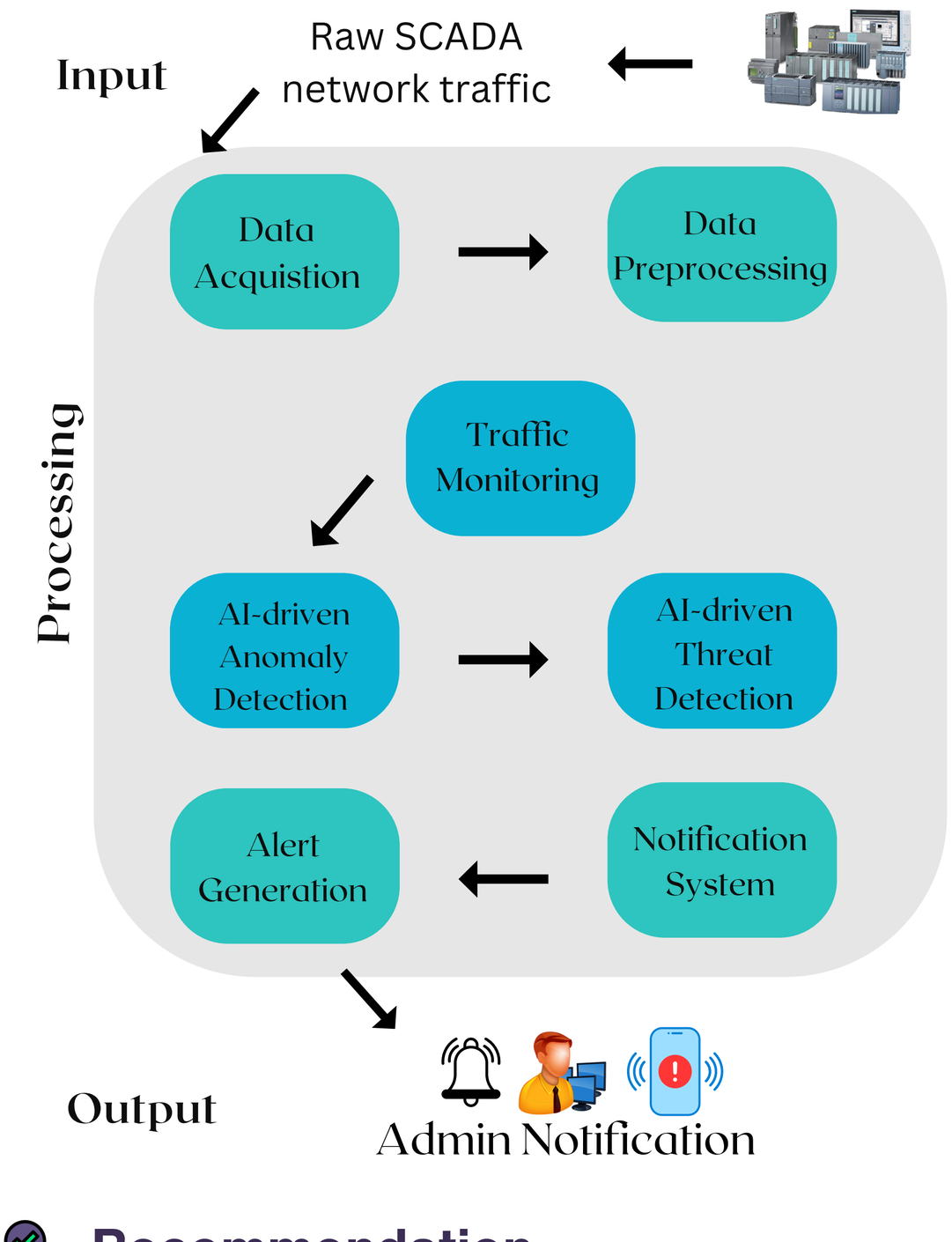
01 Just in Time Traffic Monitoring

02 Just in time SCADA traffic Anomaly Detection

03 Security Threat Modelling

04 Development of a Notification system

Methodology



SDG Mapping

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE — Industry, Innovation and Infrastructure

11 SUSTAINABLE CITIES AND COMMUNITIES — Sustainable Cities and Communities

Results

- Accurate Prediction of anomalies and threats
- Generation of alerts and notifications

Tools and Technologies

Recommendation

Integration of real-time threat prevention to proactively avert or mitigate potential security breaches.

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