DTS SOLUTION
CYBER SECURITY REDEFINED

INDUSTRIAL CONTROL SYSTEMS (ICS)

CYBER SECURITY MONITORING MANAGED SERVICES

HAWKEYE
HUNTING CYBER ADVERSARIES

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CYBER SECURITY REDEFINED

INDUSTRIAL CONTROL SYSTEM (ICS) / OT MANAGED CYBER SECURITY SERVICES

Introduction

Armed with in-depth knowledge and expertise in **Industrial Control System Cyber Security**, **HAWKEYE** powered by **DTS** managed **CSOC as a Service**, helps you understand the cyber security risks within your Industrial Control System / Operational Technology environment by delivering monitoring services either in real-time, scheduled frequencies or on-demand.

Industry sectors such as Utilities, Energy, Manufacturing, Airports, Railways, Telecommunications, Smart Cities operate complex chain of Industrial Controls Systems (ICS) and Operational Technology (OT) systems. These systems have Cyber-Physical attributes where a breach due to a cyber-attack can lead to actual critical process failure or physical damage. In the Middle East we have seen a string of high-profile targeted attacks against critical infrastructure environment, the most notable, was **TRISYS Targeting Safety Instrumentation System (SIS)** with the ultimate aim of shutting down the plant.

Scheduled Managed Cyber Security Services (Subscription)

- **HAWKEYE SOC** analysts specializing in ICS/OT will come on-site on a monthly basis to perform a complete cyber security review of logs, events and audit trails across the environments.
- Specific monitoring use-cases will be defined prior to the agreement to ensure relevant monitoring activities are performed.
- **ICS / OT Cyber Security** Status Dashboard with Monthly Report will be submitted to the relevant stakeholders.
  - Patch Management Status Level
  - Vulnerability Status Level
  - User Activity Audit Trail Status
  - Removable Media Usage Status
  - Network Anomaly Detection Status
  - Access Switch Switchport Status
  - Remote Access Monitoring Status
  - Firewall Logs Review Status
  - Industrial Protocol Violation Status

HAWKEYE for ICS/OT

At **HAWKEYE**, we have developed a unique service offering, where we deliver Managed Cyber Security Services for organizations that operation ICS/OT environments. We offer this service in the following operating model;

Secure Remote Monitoring Service

- Security Events and Logs are kept on premise..
- SIEM platform log collection for remote monitoring reside in L3.75 DMZ – sandwiched between L3.5 and L4.
- **HAWKEYE OT-CSOC** deploy two layers of firewalls managed by the client;
  - IPSEC VPN Termination Firewall
  - L3.5 DMZ Firewall
- L3, L3.5 DMZ to L3.75 communication is outbound only (SYSLOG UDP) where reverse connection is impossible.

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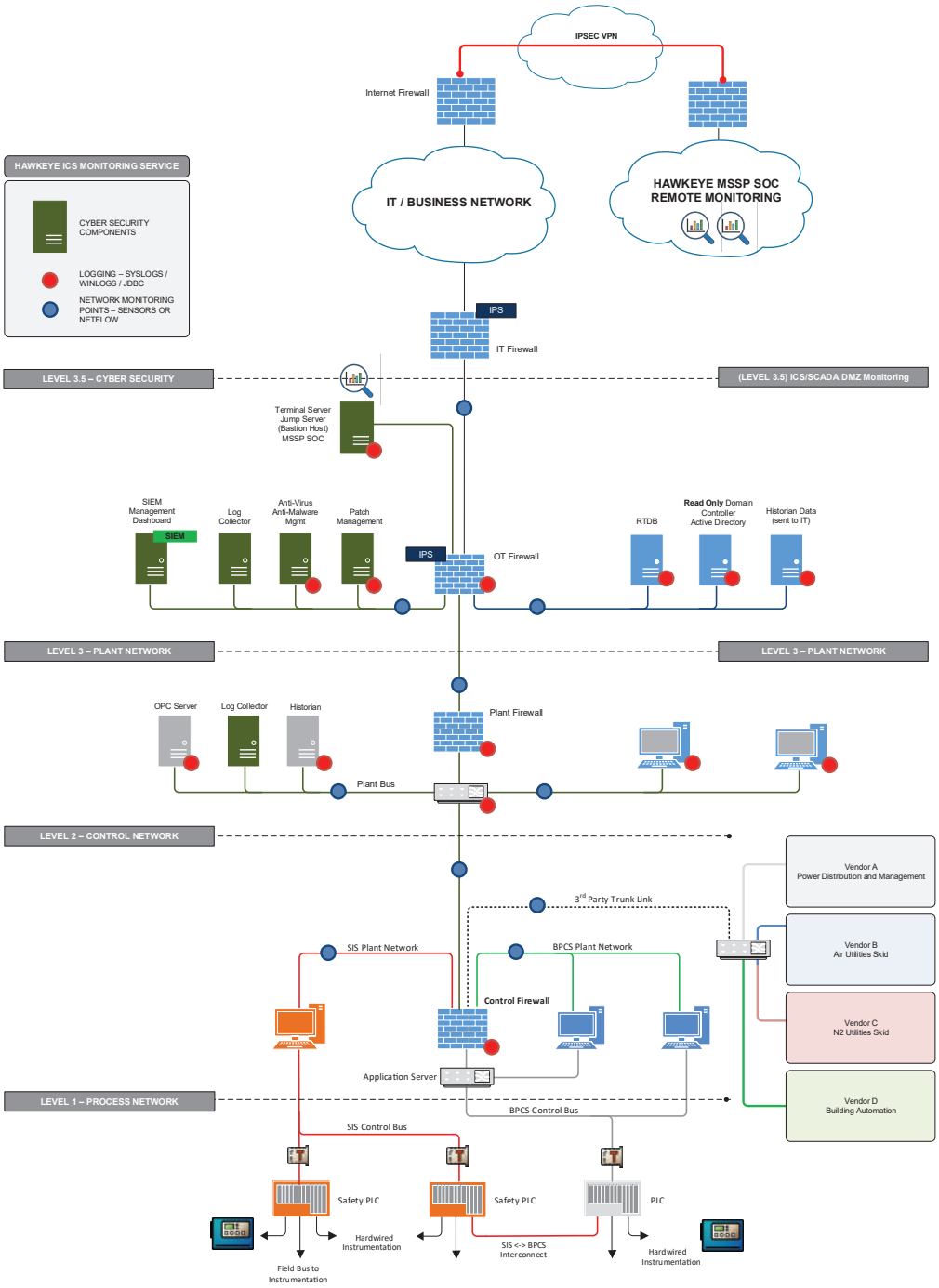

MONITORING METHODOLOGY

HAWKEYE has developed the **ICS / OT Cyber Security Monitoring Use Cases** based on the **ICS MITRE ATT&CK Model** that is very specific to critical infrastructure protection. **Detection is the key here**, not prevention, and our tools and techniques of developing monitoring controls within your OT environment will give CISO / ICS Cyber Security Specialists and OT Operations Team unparallel visibility into the security posture of your industrial networks unseen before.

HAWKEYE Offshore Monitoring Team will only have view functionality (READ - MONITOR mode) on the Terminal Server (Bastion Host) ensuring data flows are highly secured.

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KEY FEATURES

ICS / OT Cyber Security Risk Reporting / Dashboards

ICS / OT Cyber Threat Intelligence

ICS / OT Cyber Threat Monitoring

ICS / OT Asset Management

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