INTEGRATED SECURITY SYSTEM (ISS)

ISS

- COMMAND & CONTROL
  - Information Security
  - Software Applications
- COMMUNICATION
  - Wired Network
  - Wireless Network
- HARDWARE
  - Sensors
  - Computational Hardware

NECOP

INTRODUCTION

Computer-aided and software driven system that integrates multi-technology sensors and pulls together data to make sense of dynamic and volatile situations on a unified platform through Geographical Information System (GIS).

A fully indigenous e-security system developed through comprehensive horizontal and vertical integration of surveillance and security technologies.
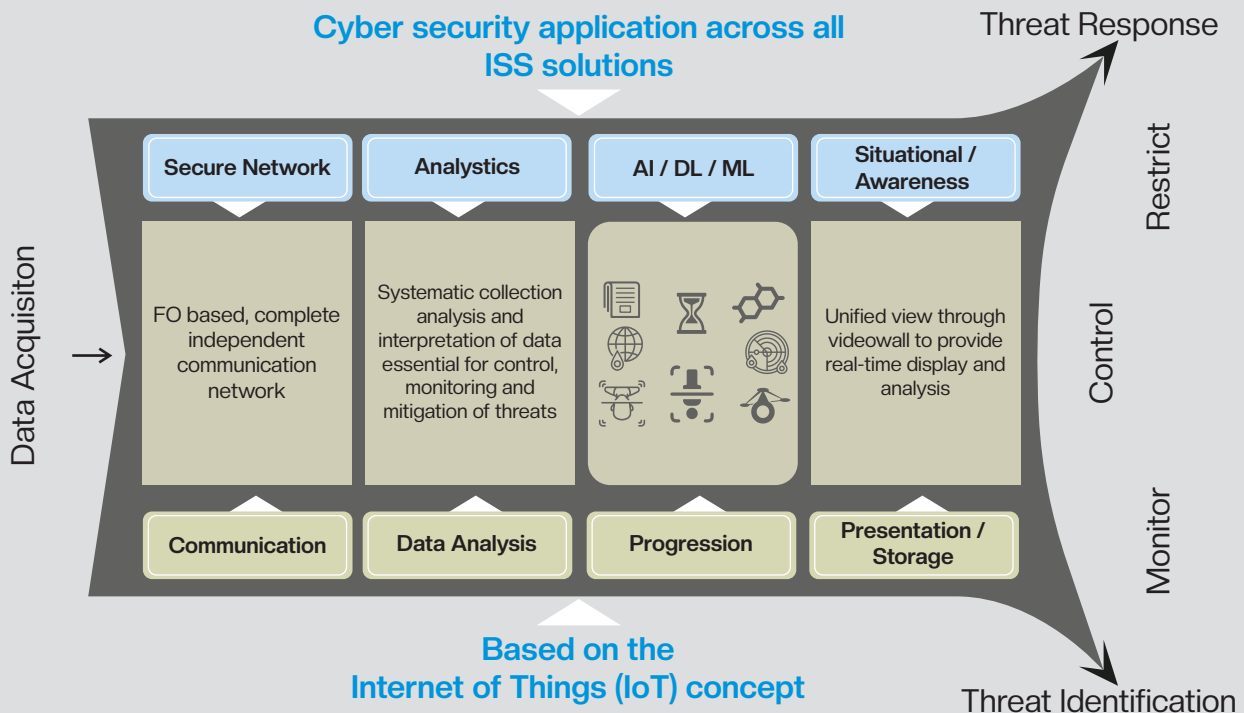
ISS COMPONENTS & INTEGRATION

- **Video Surveillance** (Fixed, PTZ, IR, TI)
- **Sensors** (FOIS/ FOIDS, E-Fence, MW, Active/Passive IR Sensors etc.)
- **Security Barriers** (Fence, REW Etc.)
- **PAC System** (ACS devices, AI based XBS, Turnstile / Speed Gate, WTG, Contraband Detector, Handheld Metal detector etc.)
- **VAC System** (Motorized/ Manual gate, Boom barrier, Road Blocker, Tyre Killer, Bollards, RFID readers and AI based UVSS)
- **Control Room** (C2 Software/ Software Data Recording and Database Management
- **Network and Communications Infrastructure**

FEATURES

- 24/7 Real Time Unambiguous Situational Awareness
- Insider Threat Protection
- Capable to Integrate Legacy Installed Systems
- Reduce Human Inaccuracies
- Tailor-Made to User Requirements
- Cyber Secure
- Scalable Horizontally & Vertically

HOW IT WORKS

Cyber security application across all ISS solutions

Threat Response

Data Acquisiton →

Secure Network	Analytics	AI / DL / ML	Situational / Awareness
FO based, complete independent communication network	Systematic collection analysis and interpretation of data essential for control, monitoring and mitigation of threats		Unified view through videowall to provide real-time display and analysis
Communication	Data Analysis	Progression	Presentation / Storage

Restrict

Control

Monitor

Threat Identification

Based on the Internet of Things (IoT) concept

APPLICATION

BORDER SECURITY
PERIMETER PROTECTIONS
MARITIME / COASTAL SURVEILLANCE
OIL/GAS SECTOR
CRITICAL NATIONAL INFRASTRUCTURE
AIRPORT SURVEILLANCE & SECURITY
BANKING SECTOR SECURITY

NATIONAL ELECTRONICS COMPLEX OF PAKISTAN
www.necop.gov.pk
For Enquiries: info@necop.gov.pk

NECOP