CRITICAL INFRASTRUCTURE PROTECTION
Training & Workshop

PROTECTING INFRASTRUCTURE FOR A RESILIENT FUTURE

HRDC Claimable

MAX SECON
A DIVISION OF MAXITULIN

PROGRAM SUMMARY / OVERVIEW

This course prepares security and safety personnel to understand threats, assess risks, respond to incidents, and ensure compliance with industry standards. It develops skills in using advanced tools and technologies for infrastructure protection and promotes continuous learning to adapt to evolving threats.

Training Objective: Equip security personnel to protect critical infrastructure.

Training Outcome: Enhance threat awareness, risk management, response & recovery, regulatory compliance, incident management, and technical & technological skills.

Target Participants: Management, Managers, Executives & Officers in Security, IT, Safety, Facilities and Maintenance Divisions.

Target Industry: Seaports, Airports, Government facilities, Power & Energy, Dams & Water utilities, Telcos, Financial, Properties, Tourism / Malls, Hospitals, Academia, Transportation Hubs.

MODULES

1. **Introduction to Critical National Infrastructure**
   Definition, scope, and importance in national security and public welfare.
2. **Key Sectors of Critical National Infrastructure**
   Overview of sectors such as energy, transportation, water, healthcare, communications, and financial services.
3. **Threats and Risks to Critical National Infrastructure**
   Types of threats, including cyber-attack, terrorism, natural disasters, and insider threats.
4. **Cybersecurity in Critical National Infrastructure**
   The role of cybersecurity in protecting CNI from cyber-attack and digital espionage.
5. **Government Policies and Regulations for CNI Protection**
   National and international frameworks, laws, and strategies for safeguarding CNI.
6. **Resilience and Emergency Preparedness**
   Strategies to enhance resilience, disaster recovery, and continuity planning for critical systems.
7. **Role of Technology in CNI Management**
   Emerging technologies like IoT, AI, and block-chain in monitoring and securing infrastructure.
8. **Public-Private Partnerships (PPPs) in CNI Protectio**
   Collaboration between government and private sectors to ensure the security and sustainability of CNI.
9. **Case Studies of CNI Incidents**
   Analysis of real-world events such as power grid failures, cyber-attack, or natural disasters impacting CNI.
10. **Future Challenges and Opportunities in CIP Protection**
    Anticipating future trends, evolving threats, and innovations in infrastructure security.

TRAINERS

Andrin Raj is the SEA Regional Director for the IACSP and Director for the Nordic Counter Terrorism Network of Finland. Andrin is also an expert trainer for US Department of Justice on terrorism, expert trainer for the European Law Enforcement Trainung Agency (CEPOL) and an expert at the European Expert Network on Terrorism European Union and a Researcher at the European Network Community Research for RAN Policy Support for policy research for the European Union. He is currently the Adviser to the Federal Government of Somalia on PCVE and terrorism.He is also an expert trainer at MARSEC COE Aksas Naval base, Turkey for NATO allined navies and coast guard. He currently trains law enforcement and military special units for counter terrorism operations.

Andrin has been a National Service trainer for Train the Trainers program for MinDef National Service Program, lectured at the Institute for Diplomacy and Foreign Affairs Malaysia. He has been involved in training the Royal Malaysian Airforce Special Forces unit in operational counter terrorism as well as the first batch of UNIFIL Malaysia to Lebanon. He currently is working along with the National Counter Terrorism Agency and Detachment 88 of Indonesia. Andrin has taught terrorism studies at University of Indonesia, trained and provided workshops on terrorism in the Middle East, Africa and Asia.

Jayadev K .K Pillai spent 15yrs in the Special Branch of the Royal Malaysia Police in programs to safeguard and secure national assets. 5yrs with ExxonMobil Global Security Group in Asia Pacific managing security threats and risks, complex investigations, asset protection strategies, and providing security advisory services across all business units. Later at Maxis Communication served as Security Lead, overseeing audits, investigations, and asset protection measures. Finally, together with other stakeholders,involved from ground up design till development of Tun Razak Exchange City's (TRX) critical infrastructure protection and emergency response planning.

Verghese Thirumala with 30 Years of experience in physical security system design, integration, implementation and maintenance management Conceptualizing & developing security technologies and applications to digitalize physical security for effective & productive security management. Business experience spans across Asia, viz: Malaysia, India, South East Asia and Middle East. Has helped to understand various threats and challenges across the regions and use of physical security system to minimize threats.

PARTNERS

NORDIC CT Network — Finland

IACSP — USA / SEA

ShieldCoach Security Company — Philippines

For Further Details

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