Training Course

	Industrial Cyber Security 1 (IES-CS1)
Objective	In this training attendees will learn how to operate and design internetwork communication and apply Ethernet security principles, e.g. as proposed by IEC-62443. Participants will master MOXA EDR's functionalities in order to keep their network secure from intrusion and inter connect with other networks and backbone.
Prerequisites	Knowledge in networking is required, based on previous attendance of the "Layer 2 Networking" (IES-L2) and "Layer 3 Networking (IES-L3)" courses or equivalent experience in the field.

Content	IP Routing
	   - L3 routing
	   - L3 switch vs. Router
	   - Static vs. dynamic routing
	   - MOXA Secure Router
	
	WAN Redundancy
	
	Network Address translation
	   - IP NAT
	   - PAT
	
	Security
	   - DMZ
	   - Firewall
	   - DoS
	
	Virtual Private Network
	   - IPSec
	   - PPTP/ L2TP
	
	Miscellaneous
	   - Setting/ Policy Check

Duration	1.5 Days
Certification	Industrial Cyber Security 1 (IES-CS1)