

## Training Course

	Industrial Network Routing/ Security (IES-RS)
Objective	<p>In this training attendees will learn how to operate and design internetwork communication and Ethernet security application.</p> <p>Participants will master MOXA EDR's functionalities in order to keep their network secure from intrusion and inter connect with other networks and backbone.</p>
Prerequisites	<p>Knowledge in networking is required, based on long experiences in the field or previous attendance of the "Layer 2 Networking" (IES-L2) and "Layer 3 Networking" courses.</p>
Content	<p>IP Routing</p> <ul style="list-style-type: none"> <li>- L3 routing</li> <li>- L3 switch vs. Router</li> <li>- Static vs. dynamic routing</li> <li>- MOXA Secure Router</li> </ul> <p>WAN Redundancy</p> <p>Network Address translation</p> <ul style="list-style-type: none"> <li>- IP NAT</li> <li>- PAT</li> </ul> <p>Security</p> <ul style="list-style-type: none"> <li>- DMZ</li> <li>- Firewall</li> <li>- DoS</li> </ul> <p>Virtual Private Network</p> <ul style="list-style-type: none"> <li>- IPSec</li> <li>- PPTP/ L2TP</li> </ul> <p>Miscellaneous</p> <ul style="list-style-type: none"> <li>- Setting/ Policy Check</li> </ul>
Duration	1 Day
Certification	Industrial Network Routing/ Security(IES-RS) examination is required