

Training Course

	Industrial Wireless (IES-W1)
Objective	<p>In this training the attendees will learn basic concept of 802.11 standard and how to adapt WiFi technology to industrial Ethernet application.</p> <p>Participants will master MOXA AWK's functionalities in order to operate and design WiFi application with MOXA wireless products</p>
Prerequisites	<p>Knowledge in basic networking is required, based on long experiences in the field or previous attendance of the "Layer 2 Networking" (IES-L2) course.</p>
Content	<p>802.11 a/b/g/n Technology introduction</p> <ul style="list-style-type: none"> - Specifications - MIMO - Channel bonding <p>WiFi antenna deployment Power budget and distance calculation</p> <p>AP/ Bridge and client mode</p> <p>WiFi Roaming</p> <p>VLAN over wireless</p> <p>Dual RF applications</p> <ul style="list-style-type: none"> - Wireless redundancy - Wireless Bridging without dropping throughput <p>Miscellaneous</p> <ul style="list-style-type: none"> - Operation and maintenance AWK series - Wireless application optimization
Duration	1 Day
Certification	Industrial Wireless(IES-W1) examination is required