QX
LIMITLESS SERIES

CONTINUOUS CONNECTIVITY.
CORDLESS CONTROL.

WHY QX LIMITLESS?

CONNECTIVITY
The QX Limitless platform enhances seamless, plant-wide connectivity across a broader range where access points share the same SSID and password.

• Dual Band Communication seamlessly switches between 2.4 and 5 Ghz Band
• Reduces Limitation of Communication distance between Tools and Controller

CONFIDENTLY SECURE
• Connecting only the devices you need
• As a single product, it complies with multiple IT cybersecurity regulations, increasing data protection, restricting access to non-authorized devices

COMPLETE CONTROL
• Connect Up to 10 Tools with INSIGHTqcx™ Controller
• Upto 40% reduction in Hardware footprint
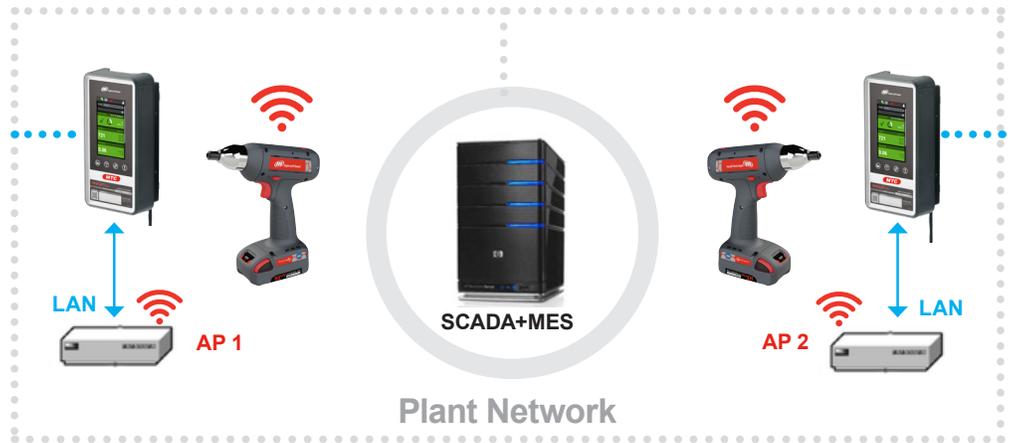• Faster data Transfer

QX LIMITLESS SERIES

Ingersoll Rand's QX Connect Series™ has been instrumental in helping more organizations take control of their fastening processes through its simple, flexible, and capable performance. Now, with the introduction of the QX Limitless platform we're adding 'connected, controlled, and compliant' to the bottom line. Dual-band communication technology deliver a seamless, uninterrupted connection— and across a greater communication range than other cordless fastening systems can offer.

SPECIFICATIONS

Product Family	QXWD
Torque Range	0.8-80 Nm
Tool Configuration	Pistol and Angle
Wireless Communication	WLAN + ZigBee + BLE
Band	2.4 and 5 Ghz (Dual Band)
Security Authentication	WPA/WPA2, EAP-TLS, EAP TTLS,PEAP
Ergonomic Tightening System	Optional
Tool Display	Available
Communication Range	50 Meters + on 2.4 Ghz
Tools on INSIGHTqcx™	Upto 10 Tools

SYSTEM Architecture

- Plant Network
- LAN Network
- WiFi Network

LAN   AP 1   SCADA+MES   AP 2   LAN

Plant Network

FEATURES

- Dual Band Communication 2.4Ghz and 5 Ghz

- 2.4 Ghz and 5Ghz Auto Switching

- Multiple Cybersecurity authentication

- Setup WIFI configuration using INSIGHT Net Desktop APP or INSIGHT™ Connect App

- Transducerized for Precise torque measurement

- Closed- loop control of torque, speed and degree of rotation

- Program 32 Configuration on one tool

- Visual Torque validation on display

- With INSIGHTqcx™ complete integration to plant wide Ethernet network, for increased productivity and control

- Connect up to 10 Tools with INSIGHTqcx™ Controller

Ingersoll Rand