TORQ-COMM

Revolutionary Industrial Bolting Data Collection Technology

Without Data . . .
It's Just an Opinion
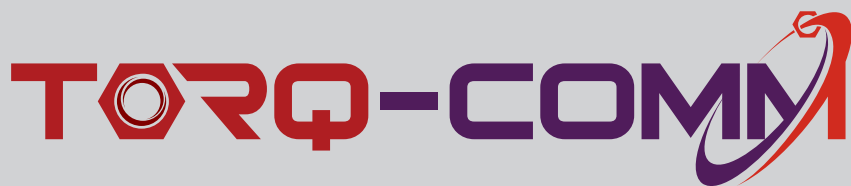
TORQ-COMM

The innovative Commander range from Torq-Comm consists of four models of rugged, industrial strength, handheld PC's specifically designed for use in industrial bolting applications. Due to the explosive environments often found in such applications, the XT1000/2000 EXP units are safety compliant, meeting the requirements of the ATEX directive.

As more and more customers insist upon full traceability for every bolted joint on each of their assets, it is becoming increasingly more important to have reliable hardware and software solutions to gather, store, and process appropriate data.

With three modes depending upon operator experience, work instructions in the palm of their hand, and the ability to remotely and wirelessly (WiFi, Bluetooth, 3G/4G) set and reset the torque level from up to eighty feet away in as little as five seconds, this patent pending product is going to revolutionize industrial bolting.

The real time, cloud-based data storage can literally allow a supervisor in London to monitor a bolting operation in Dubai as it happens on his computer. The QR/bar code RFID scanner and high resolution camera allow every stage of the process to be recorded quickly, efficiently, and error free.

Commander XT1000 (Collect)

› Rugged IP65 Handheld (Class 1 Div 2)
› Real time data collection
› Unlimited, user-defined traceability
› Flexible user management and operating modes
› User defined bolt pattern management per ASME PCC-1-2013
› Password enabled roles and privileges
› Multiple interface potential—leak detectors, calipers, hydrostatic test, flow meters, ultrasonics
› Configurable out of tolerance alerts
› Non-editable data (what you see is what you get)
› Ability to change tools from bolt to bolt or from pass to pass
› Supervisor required overrides option for non-conforming data
› Management notifications by email or text
› Adaptable to ANY hydraulic pump (AC or air) using ANY hydraulic torque wrench
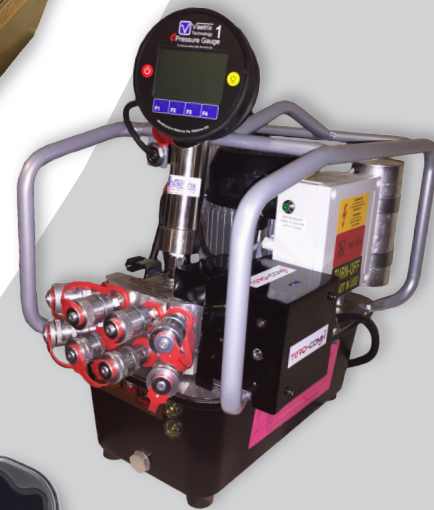
Commander XT2000 (Collect & Control)

› All capabilities of the XT1000
› Wirelessly controls any pump from up to 80 feet away in as few as 5 seconds
› Precision control of the pump without violating the manufacturer's warranty
› Connectivity via 2.4 GHz Bluetooth or tethered
› AC and/or battery operated Control Module with 3 week's life
› Indicator lights on Control Module to show battery status
› Digital control to within .05% accuracy vs. 2-3% with analog
› Removes the possibility of over or under torqueing
› Saves time in constant pump adjustments
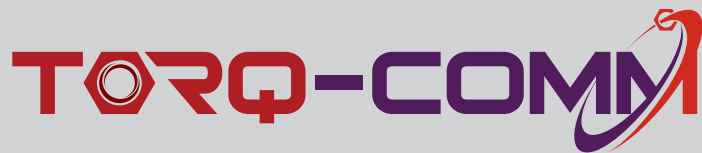› Could eliminate the need for explosion proof certification due to proximity from application

Commander XT1000/2000 EXP

› The world's only PDA with global explosion protection and mining approval
› The world's first ATEX/IECEx Zone 1 and NEC Class 1, Division 1 certified PDA with wide-area network

Commander Cloud

› Collected results can be pushed immediately to a cloud-based server
› Global live viewing, analysis, and job creation for production control
› Production, productivity and repair reports
› PDF reports of all job related information
› CSV export

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