





BOOST YOUR UPTIME

BOOST YOUR PRODUCTIVITY

More Than Productivity









BOOST YOUR FLEXIBILITY

- Get what you really need with feature management
- Multi-cordless tool solution
- Single connection to plant system
- Compatible with all desoutter wireless communication tools (with ieee 802.11 Wireless communication)

BOOST YOUR UP TIME

- ▶ KPI management (key performance indicator)
- Fast tool rebalancing with easy pairing
- Fast data & settings transfer from one connect to another one with removal back-up memory
- No risk of errors in wireless network settings due to easy pairing process

BOOST YOUR PRODUCTIVITY

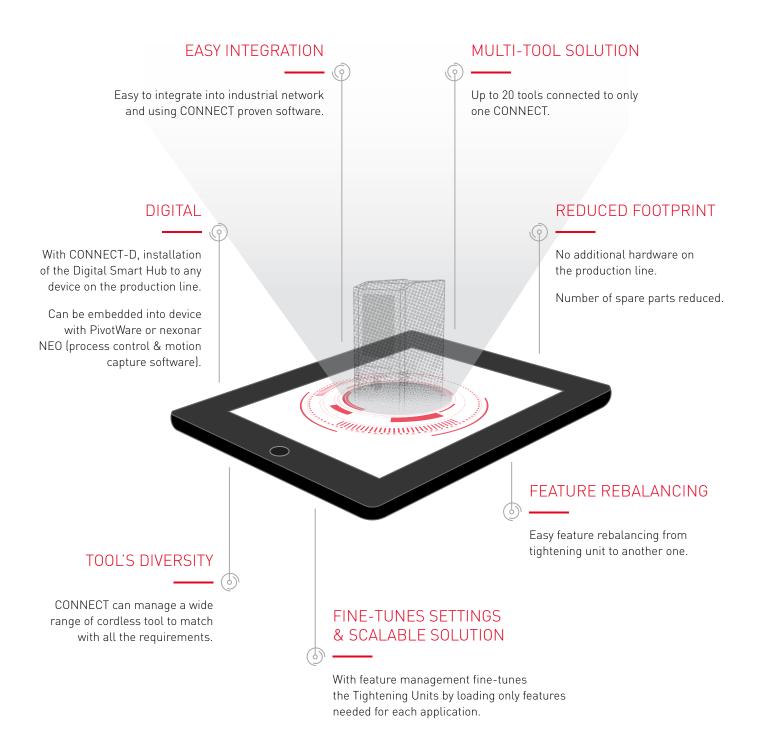
- Data integrity
- Full traceability
- Tightening process optimization (Fieldbus/protocols - tighetning strategy / assembly process...)
- Full error proofing with additional accessories

CONNECT-W & CONNECT-X INDUSTRIAL SMART HUB





CONNECT-D DIGITAL SMART HUB



MULTI-CORDLESS TOOL SOLUTION



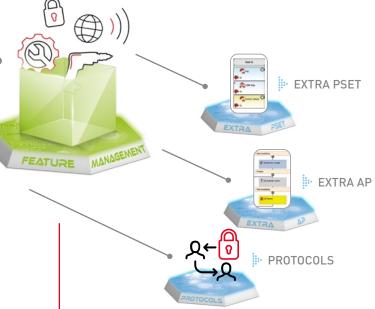
CONNECT has been designed to meet today's and tomorrow's demanding production processes.

MULTI-CORDLESS TOOL SOLUTION

SCALABLE SOLUTION

EASY TOOL & FEATURE REBALANCING

FULL TRACEABILITY



INDUSTRIAL & DIGITAL SMART HUB

CONNECT is a powerful platform able to manage all items related to the assembly line

With error proofing accessories and full traceability management for up to 20 tools, CONNECT is a solution with a HIGH LEVEL OF CONNECTIVITY to manage and control the assembly line under all circumstances.

↓ FEATURE MANAGEMENT

FEATURE MANGEMENT is a scalable solution which allows you to get what you really need

With its HIGH LEVEL OF FLEXIBILITY, you can add new features whenever the requirements on your production line change. You just have to activate the feature and it is ready to use.



MULTI-CORDLESS TOOL SOLUTION

TIGHTENING UNITS MANAGEMENT

Up to 20 TUs for all CONNECT (up to 10 when using embedded access point from CONNECT-W)



TOOL RANGE **COMPATIBLE**

Compatible with all desoutter cordless tools with IEEE 802.11 Wireless communication.



CONNECT-W & CONNECT-X

SINGLE POINT OF CONNECTION



UP TO 20 TOOLS CONNECTED

WITH A SINGLE POINT OF CONNECTION

ONLY ONE **SAFETY POWER SUPPLY** FOR UP TO 20 TOOLS

ONLY ONE ETHERNET/FIELDBUS CONNECTION FOR UP TO 20 TOOLS

FOOTPRINT **OPTIMIZATION** (ONLY ONE STAND FOR UP TO 20 TOOLS)



- Switch On/Off
- Auto-Sensing Voltage 110-240V
- 3 24V power supply
- 4 RS 232 port
- **5** eBUS port (Bus dedicated to Error Proofing Integration accessories - EPI)
- 6 Ethernet switch with 4 Ethernet ports (including one POE)
- 2 USB ports on connector panel + 2 USB ports on front panel
- 8 Plug & Play Field bus card port

FULL ERROR PROOFING

Thanks to error proofing accessories on a dedicated communication bus, the process is 100% reliable and under control.





CONNECT-W & CONNECT-X

TOOL'S REBALANCING

EASY WIRELESS PAIRING

With easy wireless pairing, transducerized tool is paired in less than 10 seconds



REMOVABLE INTEGRATED MEMORY

FAST DATA & SETTINGS TRANSFER

Removable integrated memory (RIM)



ADVANCED WALL MOUNTING



Advanced wall mounting allows to tilt CONNECT in several positions in order to always have an easy information access and check

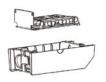


Advanced wall mounting



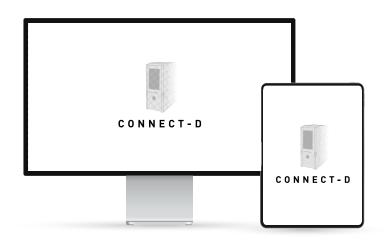


IP 54 kit is used to protect CONNECT from dust and splashed water for demanding workstation environments



Ip 54 kit

CONNECT-D



FLEXIBLE

- Installation in any Windows device on the production line (PC, tablet, server...)
- Feature management (same as CONNECT-X & -W)

DIGITAL

REDUCED FOOTPRINT

- No hardware on the production line
- Can be embedded into device with Process control or Motion capture software
- Number of spare parts reduced







ETHERNET

IO Module ethernet

Stack Light ethernet

Ethernet Socket/Bit tray



FULL ERROR PROOFING THROUGH ETHERNET

The process is 100% reliable and under control, using ethernet error proofing accessories.



CONNECT-D

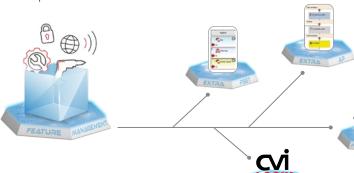


FEATURE MANAGEMENT is a scalable solution in order to provide a high level of flexibility to meet requirements. With feature management, you can add or remove a feature whenever you want or whatever the feature.

HOW DOES IT WORK?

Activate a Tightening Unit to pair a cordless tool.

For more demanding applications, it is possible to activate additional features.





The standard package has been built to meet with more than 80% of requirements.

SEVERAL TIGHTENING UNITS [TU] ARE AVAILABLE ON CONNECT PLATFORM
WITH DIFFERENT STANDARD PACK FEATURE LEVELS

STANDARD PACK

	TU PREMIUM	TU ESSENTIAL	TU QSHIELD-C	TU E-LIT WIFI	TU XPBMC
Compatible tool	EABC, EPBC, EABS, BLRTC, EABCLRT	EABC, EPBC, EABS, BLRTC, EABCLRT	Qshield-C	ELC-P-W, ELC-A-W	XPBMC
Number of Pset	10	6	10	4	10 (Head dependant)
Number of Assembly Process	10	6	10	4	-
Live Results	Torque, Angle, curve	Torque, Angle, curve	Torque, Angle, curve	OK/NOK	OK/NOK
Result Transfer/storage	Torque, Angle, curve	OK/NOK	Torque, Angle, curve	OK/NOK	OK/NOK
Strategies	Torque and/or angle control Torque and/or angle monitoring	Torque control angle monitoring	Torque and/or angle control & monitoring	Torque control	Torque control, Frangible collar, Drilling
Protocol / Reporting	Open protocol, CVI Net Web, Demeter, ToolsNet	Open protocol, CVI Net Web, Demeter, ToolsNet	Open protocol, CVI Net Web, Demeter, ToolsNet	Open protocol, CVI Net Web, Demeter, ToolsNet	Open protocol, CVI Net Web, Demeter, ToolsNet
CONNECT Easy Pairing	RFID or eDock pairing (Automatic for MULTI)	RFID or eDock pairing (Automatic for MULTI)	RFID or USB pairing	eDock pairing	_*

FEATURES UNDER FEATURE MANAGEMENT?

Feature activation is done Tightening Unit per Tightening Unit for more flexibility on your production line. Feature management is required:

• For each Tightening Unit activation:



I→ TIGHTENING UNIT

Up to 20 TUs for all CONNECT (up to 10 TUs when using embedded access point from CONNECT-W)

TU PREMIUM / TU ESSENTIAL / TU E-LIT WIFI / TU QSHIELD-C / TU XPBMC

• For additional Pset activation



I→ EXTRA PSET

Pack "up to 50 PSET" Pack "up to 250 PSET"

TU PREMIUM /TU QSHIELD-C / TU XPBMC

• For additional Assembly Process activation



₩ EXTRA ASSEMBLY PROCESS

Pack "up to 50 AP" Pack "up to 250 AP"

TU PREMIUM / TU QSHIELD-C



I→ ECOMPASS

Gyroscope Angle Compensation

TU PREMIUM

• For zone control activation



₩ VIRTUAL CABLE

Tracker with one or multiple workings spaces

TU PREMIUM / TU ESSENTIAL

• For specific Protocol activation



▶ PROTOCOL

Desoutter protocol Customer protocols

TU PREMIUM / TU ESSENTIAL / TU E-LIT WIFI /TU QSHIELD-C

• For CVI logix activation



III. AUTOMATION CONTROL

CVI LOGIX

TU PREMIUM / TU ESSENTIAL / TU E-LIT WIFI

• For specific strategies activation



III. STRATEGIES Residual Torque

TU QSHIELD-C

HOW TO ACTIVATE A FEATURE?



THE HIGH FLEXIBILITY OF FEATURE MANAGEMENT IS REACHED THANKS TO UV*. ANY OR ALL FEATURES CAN BE **ACTIVATED BY APPLYING UV*.**





CONNECT-W



CONNECT-X



Weight	2,8	N/A	
Volume	4,2 L	iters	N/A
Display	Capacitive color touch	Web UI	
Access point	EMBEDDED (includes internal access point)	NOT INCLUDED (external access point required)	
Removable Integrated Memory	Inclu (accessible fro		UNIVERSAL RIM (Feature management only, no data stored
Power supply	110V – 22	N/A	
Connectivity	4 Ethernet ports – 4 US eBUS port – fie	Depending on the device	
IP Protection	IP IP54 with an addi	N/A	
Accessories	Wall mounting – stack light - bit tray – operator I/O expander -	ethernet stack light ethernet socket tray ethernet bit tray ethernet 10 module	



TIGHTENING PROCESS OPTIMIZATION

- NETWORK COMMUNICATION: standard fieldbus (CONNECT-X & -W only) & advanced customer protocols
- TIGHTENING STRATEGY: combine flexible steps with different control and different monitoring
- DIRECT VISUALISATION AND ACCESS: simple configuration and results on the controller screen and on a ...remote HMI (CONNECT-X & -W only
- ASSEMBLY PROCESS: control a complete operation with several fastenings and logical requirements (scans, I/O, ...)





FULL TRACEABILITY

- FULL DATA TRACEABILITY
- ALL DATA stored thanks to real time collection and storage
- ACCESSIBLE BY EVERYONE for data viewing with just a web browser with secured access
- FAST PROCESSING FOR THE RESULTS, curves and statistics report with a click

SOFTWARE **PACKAGE**

- EASY CONNECTIVITY AND A USER-FRIENDLY INTERFACE makes for a fast installation and smooth commissioning
- EASY UPGRADE CAPABILITIES AND FLEXIBILITY OF THE TOOL RANGE assures readiness for your future requirements
- ROBUST TOOLS AND HARDWARE BACKUP make for reliable and safe station
- ASSEMBLY QUALITY GUARANTEED with the process control and the error proofing modules



Create & manage tailormade access rights per user profile



Set up your systems pointto-point or on a network with a guided intuitive interface



Live diagnostics for I/O and fieldbus for fast commissioning



Import, exanalyze tightening port, and data with results, curves, filters, and profiles



Collect & store 100% tightening data in a real-time database with advanced analytics via a web based software in service mode

CONNECT

Industrial SMART HUB







CONNECT-X

CONNECT-W

CONNECT-D

PIC	MODEL	PART	CONSUMPTION				DIMENSIONS					WEIGHT	
REF		NUMBER	(CURI	KENIJ	SUPPLY	WIE	DTH	HEI	GHT	DEF	PTH		
			115V	230V	50/60 Hz	mm	in.	mm		mm	in.	kg	lb.
А	CONNECT-X	615 932 722 0	←1A	←1A	Single-phase	90	3.5	221	8.70	210	2.8	2.8	6.17
В	CONNECT-W	615 932 723 0	\leftarrow 1A	\leftarrow 1A	Single-phase	90	3.5	221	8.70	210	2.8	2.8	6.17
С	CONNECT -D URIM USB A	615 927 948 0	N/A	N/A	N/A	4,5	0,18	22	0,87	12,1	0,48	0,003	0,007

FEATURE MANAGEMENT

PIC REF	DESCRIPTION	PART NUMBER
Α	UV	615 927 843 0
В	eWallet	615 927 844 0





POWER CORD to be ordered with Connect

PLUG	DESCRIPTION	PART NO.
А	European	615 917 739 0
В	US	615 917 741 0
С	UK	615 917 740 0
D	Chinese	615 917 742 0









OPTIONAL ACCESSORIES

	01110111121100200011120					
ITEM		PART NO.				
Fie	ldbus modules					
1	Profibus module	615 927 595 0				
2	ProfiNet module (1 port)	615 927 596 0				
3	ProfiNet module (2 ports)	615 927 597 0				
3	ProfiNet IRT module (2 ports)	615 927 070 0				
4	DeviceNet module	615 927 599 0				
4	CC-Link module	615 927 598 0				
5	EtherNet IP module	615 927 594 0				
6	Modbus TCP module	615 927 615 0				

Others				
•	Advanced wall mounting	615 399 631 0		
•	KIT IP54 CONNECT	615 399 336 0		





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NOTES	

More Than Productivity

