Desoutter



Virtual Cable

Wireless tools Tracking Solution

BOOST YOUR **PRODUCTIVITY**

BOOST YOUR **FLEXIBILITY**

BOOST YOUR **UPTIME**

More Than Productivity



WHAT IS **VIRTUAL CABLE?**

Virtual Cable is a solution used within the CONNECT hub platform that enables total traceability and control over tools locations and applications.

Virtual Cable ensures that the correct wireless tool can only be used for its pre-determined tasks in the correct working area. The tool is enabled for tightening only in the defined working area preventing Production errors and Quality issues.

The solution demonstrates Desoutter's longterm commitment to supporting our partners in making the transition to Industry 4.0 working.

HOW DOES IT WORK?

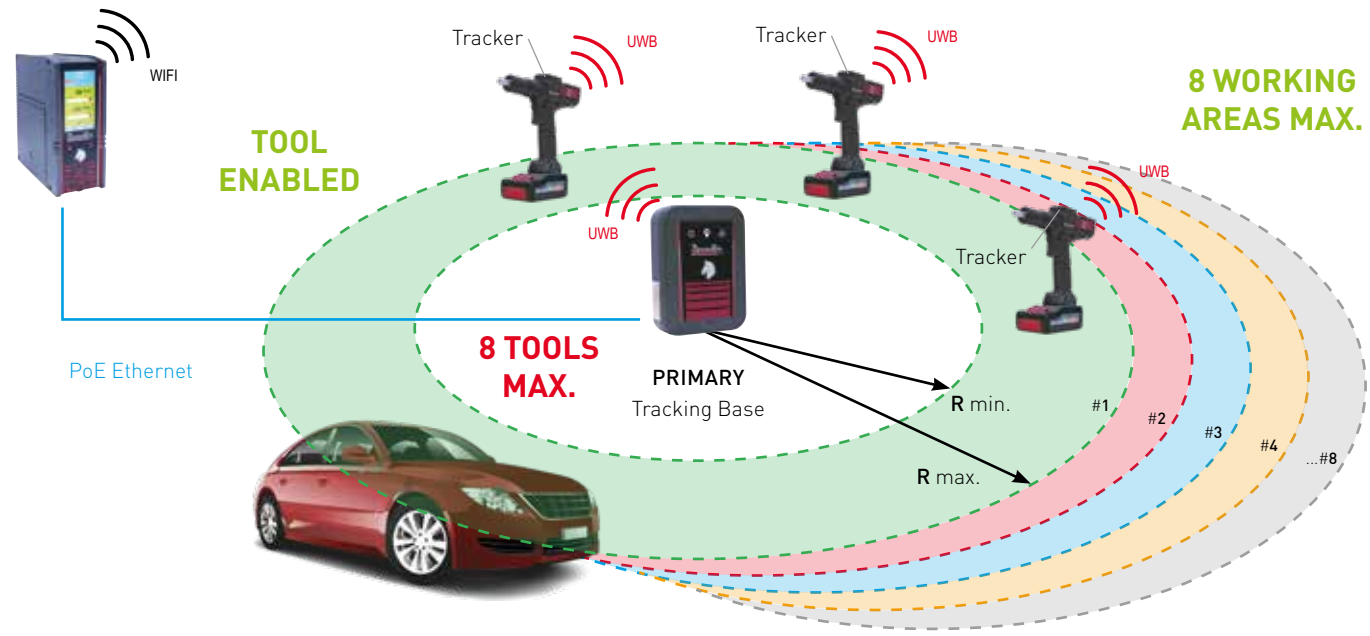
The solution is simple, easy to install and set up. You only need one Tracking Base connected to the CONNECT hub via Ethernet and a Tracker mounted on the battery tool.

BOOST YOUR FLEXIBILITY

Communication between the Tracking Base and the Tracker uses Ultra Wideband technology (UWB), a new technology using 3.5 to 6.5 GHz frequency and with no interference on other wireless products. You can define the working area with a patented easy learning mode direclty by pressing the tool's trigger. Aternatively, working areas can be defined manually entering the radius Rmin and Rmax in the CONNECT hub or in the CVI Config software.

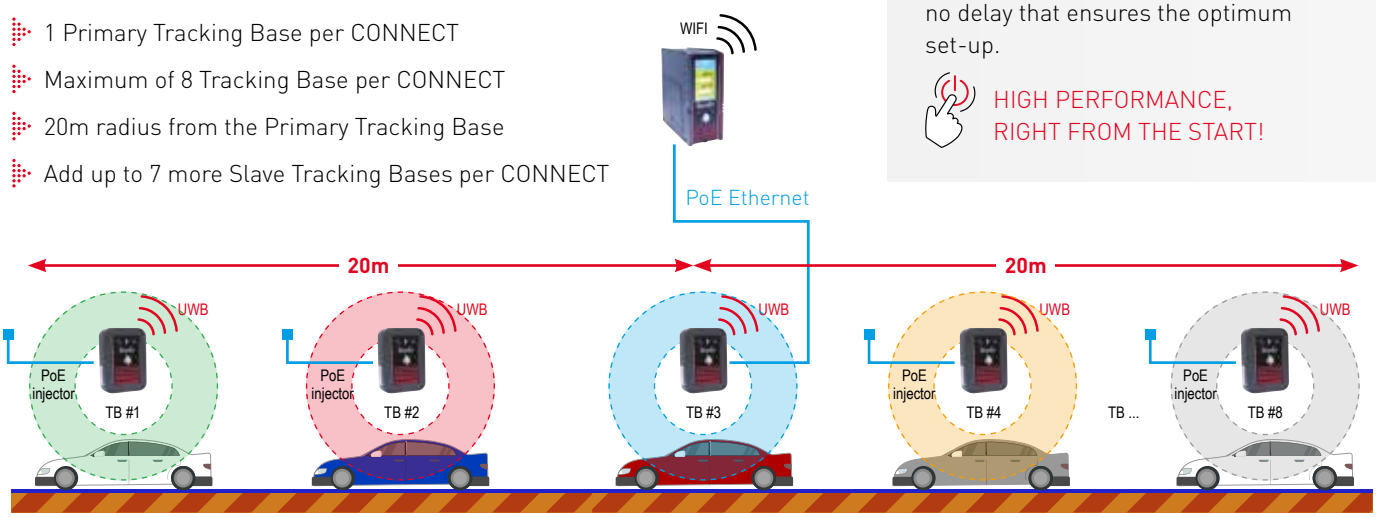
BOOST YOUR PRODUCTIVITY

Up to 8 tools can be linked to one Tracking Base. One Tracking Base can manage up to 8 Working Areas.



Should you need more Tracking Bases? ...Just add them up to a maximum of 8.

- 1 Primary Tracking Base per CONNECT
- Maximum of 8 Tracking Base per CONNECT
- 20m radius from the Primary Tracking Base
- Add up to 7 more Slave Tracking Bases per CONNECT



PRIMARY
Tracking Base (TB)

SMART START by Desoutter Service

A fast, high quality installation with no delay that ensures the optimum set-up.

HIGH PERFORMANCE, RIGHT FROM THE START!

FEATURES AND BENEFITS

- ULTRA WIDEBAND TECHNOLOGY (UWB) - 3.5 to 6.5 GHz
- AREA COVERAGE: Sphere of 20m (65.6 ft) around the Primary Tracking Base
- ACCURACY: +/- 15cm (0.5 ft)
- PoE POWER SUPPLY
- CONNECT HUB: up to 8 Tracking Bases
- EACH TRACKING BASE: up to 8 working areas and/or tools
- EACH AREA CAN BE ASSIGNED one or several tools, up to the maximum of eight
- TRACKER ON TOOLS: compact integrated trackers in Desoutter battery tools. No additional batteries needed for the Tracker: it takes the power supply directly from the tool!
- BOOST YOUR UPTIME:
  - Easy to set up and install
  - Working areas can be defined manually in the CONNECT hub or using a patented Easy Learning Teaching mode directly by pressing the tool's trigger
  - We only need one PoE cable to the Primary Tracking Base

SPECIFICATIONS

ORDERING INFORMATION	PART NUMBER
Tracking Base	615 813 3350
Tracker for EPBC tools	615 813 2600
Tracker for EABC tools	615 813 2590
PoE Injector	615 813 2630
PERFORMANCE	
Frequency Range	3.5 to 6.5 GHz
Area coverage	Sphere of 20m (65.6 ft) of radius
Max. number of Tracking bases per CONNECT	8
Max. number of areas per Tracking Base	8
Max. number of tools per CONNECT	20

TECHNICAL SPECIFICATIONS	
Environmental Sealing	Tracker: IP40 Tracking base: IP54
Power consumption	Tracking base PoE: 20mA
Power supply	802.11af PoE Injector, 100-240 VAC
Tracking Base dimensions	110 x 150 x 40 mm (4.33 x 95.9 x 1.75 in.)

More Than Productivity

English
© Copyright 2022
March 2022 - Issue 2