



**Pce**

***Premier Communication Electronics***

# ***PREMIER COMMUNICATION ELECTRONICS LTD***

## ***LAUNCH CBRN COMMUNICATIONS VEST***

**AMBULEX – 11<sup>TH</sup> JULY 2013**

**PAUL FRISSEN**



# Company Introduction

- ❑ Company formed in 1973
- ❑ Headquarters in Exeter
- ❑ Field engineers covering South / South West England
- ❑ ISO9001:2000 certification (*since 1997 now ISO9001:2008*)
- ❑ FITAS - FCS Installer Training & Accreditation Scheme
- ❑ **June 2013 - Won FCS Installer of the Year award (4th Time)**



# Business Areas

- ❑ PMR / Business Radio / Land Mobile Radio
- ❑ Emergency Services
  - ❑ Communications Equipment
  - ❑ Vehicle Lights and Sirens including Covert Installations
  - ❑ Vehicle Telematics such as Incident Data Recorders
  - ❑ CBRN Communication Vest **(NEW PRODUCT LAUNCH AT AMBULEX 2013)**
- ❑ Private Sector Vehicle Lights & Electronic Equipment
  - ❑ Vehicle Telematics – Trackers / Satellite Navigation / Dispatch
  - ❑ Vehicle Lights (Amber)
  - ❑ Vehicle Hands Free Kits
- ❑ Lone Worker Solutions
- ❑ Bespoke Vehicle Solutions
- ❑ Managed Service Contracts



# CBRN COMMUNICATION VEST



## WHY?

- ❑ Targeted application – HART/SORT
- ❑ PRPS suit hinders communication
- ❑ Good Communications are essential for response teams working in hazardous areas, to include
  - ❑ Responder to Responder
  - ❑ Responder to Casualty
  - ❑ Responder to Control Centre
- ❑ Requirement by Ambulance Trust Resilience Team



# CBRN COMMUNICATION VEST



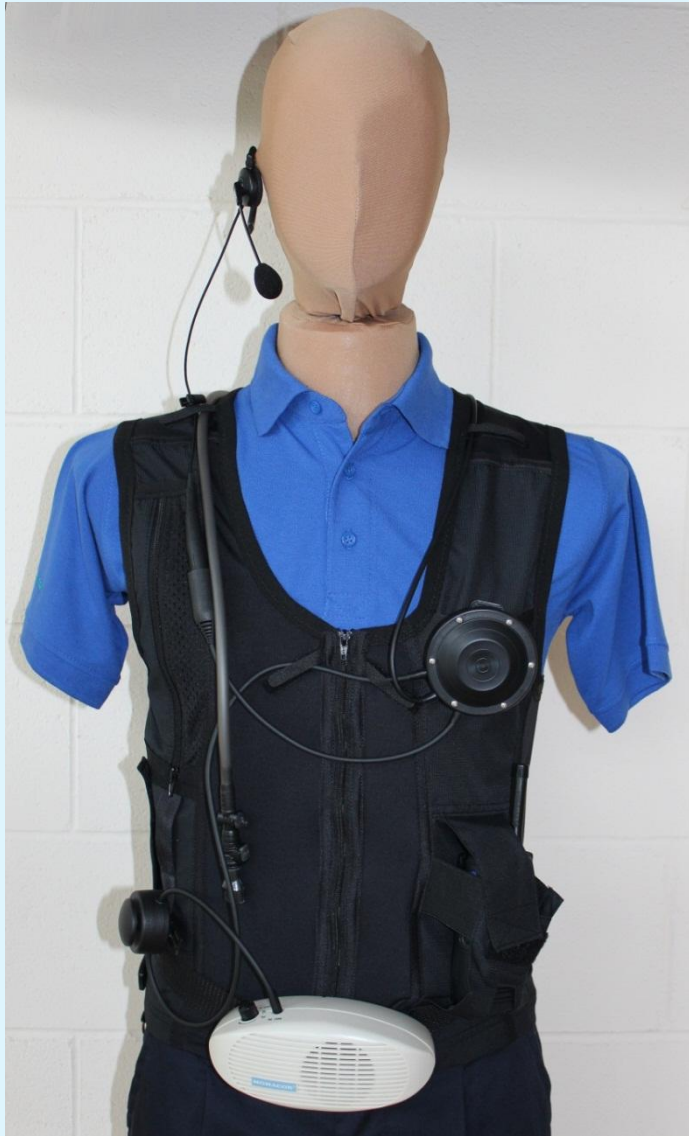
## MAIN CONSIDERATIONS!

- ❑ Comfort
- ❑ Weight
- ❑ Features / Functionality
- ❑ Able to customise
- ❑ Can be used on other applications





# CBRN COMMUNICATION VEST



## Key Features:

- ❑ Vest
  - ❑ Lightweight (Vest <400g)
  - ❑ Breathable
  - ❑ Moisture Management
  - ❑ Shape Retention
  - ❑ Radio / Equipment Pockets
  - ❑ Cable Management Points
  - ❑ Rear Hydration Pack Pocket
- ❑ Headset
- ❑ Large Radio PTT buttons
- ❑ Portable Radio
- ❑ Waistband Amplifier



# CBRN VEST LAYOUT – Front View 1/2



**Light Weight Headset shown alternatives such as Acoustic Tube are available**



**80mm PTT button for Radio allowing easy operation through CBRN suit**



**Earpiece terminated with NEXUS Connector allows for quick disconnection**



**50mm PTT button for Amplifier allowing easy operation through CBRN suit**



**Loudspeaker Amplifier for Communication Locally through CBRN Suit**





# CBRN VEST LAYOUT- Front View 2/2



**Zipped holder for cable / hydration tube management**



**Hook and Loop Fastenings for cable management**



**Right Hand Pocket**



**Left Hand Pocket (shown with Motorola Radio)**



**Front Full Length Zip allowing user to put-on/take-off easily**



# CBRN VEST LAYOUT – Rear View



**Hook and Loop Fastenings  
for cable | hydration tube  
management**



**Hydration Pouch Pocket  
e.g: CAMELBAK™  
Available in various  
colours and sizes**



# **CBRN VEST – WEIGHT SPECIFICATION**

	<b>Weight (g)</b>
Vest	380
Amplifier / PTT buttons	715
<b>Sub-total</b>	<b>1,095</b>
Radio - Motorola DP3xxx	316
<b>Total</b>	<b>1,411</b>

**Overall weight less than 1.5kg**



# **CBRN VEST – SUMMARY POINTS**

- ❑ Vest components that can be customised to users needs
  - ❑ Earpiece type
  - ❑ Radio plug to cater for existing radios
  - ❑ Pocket and cable management points
  - ❑ PTT button size
  
- ❑ Key applications
  - ❑ HART / SORT
  - ❑ All Emergency Services utilising PRPS suits



# ***CBRN VEST – Q & A***

## ***Feedback Session***

### **□ Notes**

- CBRN Vest available to view at Stand 60**
- Book a Viewing**
  - Email: [enquiries@pce-exeter.co.uk](mailto:enquiries@pce-exeter.co.uk)**
- More Information**
  - Web Site: [www.pce-uk.com](http://www.pce-uk.com)**
  - Phone: 01392 445040**
- Please supply email for a copy of the presentation**

