

CONTENTS

IFC COUNTER TERROR EXPO 2013

6 DSEi 2013

7 FOREWORD
By Rob Hyde-Bales, Consulting Editor, Counter-IED Report

8 HOW IEDD ACTIVITIES ARE INTEGRATED INTO THE COUNTERING IMPROVISED EXPLOSIVE DEVICES (C-IED) CONCEPT
By Vitor Felisberto, PRT OF3 (army), C-IED Centre of Excellence

11 MILITARY SEARCH - SUCH AN ENABLING TOOL
By Major Jose M Rufas, C-IED Centre of Excellence (C-IED COE) Defeat the Device Branch

14 OPTIMA DEFENCE SERVICES

15 BENEFITS OF CONTRACTOR-DELIVERED C-IED TRAINING
By Jim Scott, OPTIMA Defence & Security Ltd

18 7TH ANNUAL COUNTER IEDs 2013

19 HANDHELD DETECTORS: REDUCING THE BURDEN ON THE SEARCHER
By Glenn Thompson, Audiotel International Ltd

22 THE SIGNATURE OF AN IED
By Dinesh H C Rempling, Technical Project Officer R&T, and, Jim Blackburn, Project Officer C-IED, European Defence Agency

25 IEDs: A GLOBAL THREAT REQUIRING A GLOBAL RESPONSE
By Jeffrey T Wickett, Programme Manager, Programme Global Shield, World Customs Organization (WCO)

29 SCANNA MSC LTD

30 VIDISCO's DIGITAL PORTABLE X-RAY IN THE SERVICE OF SECURITY FORCES
By Tamir Aluma and Ofra Kleinberger, Vidisco Ltd

32 BORDER MANAGEMENT & TECHNOLOGIES SUMMIT 2013

33 DEPLOYING A EUROPEAN FORENSICS CAPABILITY
By Dinesh HC Rempling - Technical Project Officer R&T and Jim Blackburn - Project Officer C-IED, European Defence Agency; Jesús Madrid Del Val - Business Development Manager and David Rendo Rodriguez - Project Manager, Indra Sistemas

38 DEPLOYABLE FORENSIC C-IED LABORATORIES
By Indra Sistemas

42 NCT: C-IED ASIA 2013

43 CBRN DEFENCE IN THE CONTEMPORARY OPERATING ENVIRONMENT
THE ROLE OF JOINT CBRN DEFENCE CENTRE OF EXCELLENCE
By CDR (GRC N) Michail Zambartas, Concept & Doctrine Specialist, LTC (CZE F) Jaroslav Borek, TEED/Section Chief, and LTC (ITAA) Romeo Tomassetti, Force Planning and Capability Development Section Chief and Manager, NATO JCBRN Defence COE





49 DYNASAFE INTRODUCES A LARGE CHAMBER FOR TRANSPORTATION OF CHEMICAL WEAPONS, UXO AND IED BOMBS TO DISPOSAL FACILITIES

By Fredrik Olsson, Technical Manager of Dynasafe Demil Systems and Dynasafe Protection Systems

52 MKDS's 6TH ANNUAL DEFEATING IEDs TRAINING WORKSHOPS & TECHNOLOGY EXHIBITION

53 THE CHALLENGE OF CBR IEDs

By Andy Oppenheimer AIEpE MIABTI

58 COUNTERING THE IMPROVISED EXPLOSIVE DEVICE WITH CANINES

By Frank Holmes FsDc, Warrant Officer 1st Class, CT, Ret. Training and Operations Manager for K10 Workingdogs

61 ROUTE CLEARANCE AND AFGHAN CAPABILITY BUILDING: DISCUSSING THE TECHNOLOGY PARADOX

By Major Andre Desrochers, Military Engineering Centre of Excellence (MILENG COE), Canadian Army

67 GLOSYS ELECTRONICS LLC

68 DEMINING MACHINES

By Istrazivac Ltd.

70 TACTICAL UNMANNED AIRCRAFT SYSTEMS AND THEIR SUPPORT IN C-IED OPERATIONS

By Chris Day, Head of Capability Engineering, Schiebel Group

72 ACTIVE PROTECTION SYSTEMS AGAINST MINE AND IED BLAST

By Roger Sloman, Managing Director, Advanced Blast & Ballistic Systems

75 REMOTELY CONTROLLED IED JAMMING AND RADIO FREQUENCY SPECTRUM CHALLENGES: FRATRICIDE JAMMING AND INTEROPERABILITY AMONG NATO COALITION FORCES

By Dr Franco Fiore and Agata Szydelko, NATO Communications and Information (NCI) Agency

79 SMART RESPONSIVE JAMMING GOES COMINT: DISTRIBUTED MOBILE EW SENSORS FOR CURRENT AND FUTURE OPERATIONAL THEATRES

By Jürgen Geerkens and Dr Hubert Piontek, CASSIDIAN

84 C-IED-RELATED INFORMATION SHARING POST-AFGHANISTAN REQUIREMENTS

By LTC (GS) Christoph Wallner, Branch Head, C-IED Centre Bundeswehr Joint Forces Operations Command (JFOCOM)

89 A NEW LOOK AT THREAT INTELLIGENCE

White Paper by Allen-Vanguard

93 LOOKING TO THE FUTURE

By Dinesh HC Rempling, Technical Project Officer R&T, and Jim Blackburn, Project Officer C-IED, European Defence Agency (EDA)