CONTENTS

IFC MILIPOL PARIS 2015

7 FOREWORD: CO-OPERATION & COLLABORATION = CONTINUITY
By Trevor Partridge, MBCI, NEBOSH, Consulting Editor, Cyber Security Review

9 MAINSTREAMING CYBERSECURITY INTO PUBLIC POLICY: ISSUES AND CHALLENGES
By Heli Tiirmaa-Klaar, Head of Cyber Policy, European External Action Service

14 THE NECESSITY FOR AUTOMATION IN CYBER SECURITY AND KEY CHALLENGES
By Ed Moxon, Technical Authority for Operational Cyber Defence Research, Defence Science and Technology Laboratory

19 DEFCAMP 2015

20 KNOWLEDGE OF THE POTENTIAL THREAT OF CYBER TERRORISM TO CRITICAL NATIONAL INFRASTRUCTURE
By Abdulrahman Alqahtani, PhD candidate, School of Politics, Philosophy & International Studies, The University of Hull

32 ITEC 2016

33 CRITICAL INFRASTRUCTURE AND OPERATIONAL TECHNOLOGY SECURITY
By Dr. Yiftah Lipkin (Israel Aerospace Industries Ltd), Amir Shlomo (Israel Aerospace Industries Ltd), Amir Paz (Israel Aerospace Industries Ltd), David Menaker (Israel Aerospace Industries Ltd), Guy Mizrahi, (Cyberia advanced cyber solutions [IAI's Cyber accessibility center]), Niv David (Tel Aviv University)

38 MEETING A GLOBAL THREAT WITH A GLOBAL RESPONSE
AVIATION'S COLLABORATIVE AND MULTIDISCIPLINARY ACTIONS ON CYBERSECURITY
By Raymond Benjamin, the Secretary General of the International Civil Aviation Organization (ICAO)

41 THE NEED FOR GREATER FOCUS ON THE CYBERSECURITY CHALLENGES FACING SMALL AND MIDSIZE BUSINESSES
By Commissioner Luis A. Aguilar, United States Securities and Exchange Commission

49 COMEX 2016

49 KIDEC 2016

50 PERSPECTIVES ON LAUNCHING A CYBERSECURITY INITIATIVE
By Starnes Walker and Babatunde Ogunnaike, University of Delaware

54 THE NEED FOR NEXT GENERATION SECURE COMMUNICATION
By Shlomi Dolev, Department of Computer Science, Ben-Gurion University of the Negev
Amit Rahav, Secret Double Octopus, Ltd. Beer-Sheva
Shimrit Tzur-David, Software Engineering Department, the Azrieli College of Engineering (JCE)

61 IMPROVING CYBER SECURITY SKILLS AND KNOWLEDGE AT BOARD LEVEL
By Michael Peace, Consultant

66 CYBER INTELLIGENCE ASIA 2016

67 CONTROL-SYSTEM SECURITY ATTACK MODELS
By Andrew Ginter, VP Industrial Security, Waterfall Security Solutions

72 A CONJOINT APPROACH: USER-CENTRIC AND DATA-CENTRIC SECURITY
By Dan Solomon, Director of Cyber Risk And Resilience Services, Optimal Risk Management and
Arye Gickman, C.E.O, Longsight

77 CYBER DETERRENCE AND THE OPM HACK: MAKING THREATS THAT LACK CREDIBILITY AND LEAVE NOTHING TO CHANCE?
By David P. Fidler, James Louis Calamaras Professor of Law, Indiana University Maurer School of Law

82 FUTURE FORCES FORUM 2016

83 CYBER RISK MANAGEMENT, RESILIENCE AND MITIGATION
By David Piesse, Chairman of the International Insurance Society Ambassador (IIS) for Asia Pacific and the insurance lead and advisory board member of Guardtime

90 CYBERSECURITY WON'T EVOLVE IF WE'RE ONLY CLEANING UP AFTER A BREACH
By Ryan Olson, Intelligence Director at Palo Alto Networks

94 DEFENCE ACQUISITION AND TECHNOLOGY – CALL FOR PAPERS

95 CYBER-IN-SECURITY AND CHANGING GEOPOLITICS IN THE BALTIC REGION
By Jayadev Parida, PhD scholar, Jawaharlal Nehru University, School of International Studies, Centre for European Studies

100 CYBER EXERCISES - SIGNIFICANT PART OF CYBER SECURITY ENHANCEMENT
By Martina Ulmanova, Cyber Security Policy Specialist at National Cyber Security Centre, National Security Authority of the Czech Republic

104 PARTNER EVENTS

105 NATIONAL CAPABILITIES IN CYBER SECURITY
By Florin Cosmoiu, head of the CYBERINT National Center, Romanian Intelligence Service (SRI)

108 COMANDO SOLO AND THE USE OF THE INTEGRATED INFORMATION OPERATIONS IN THE ARMED CONFLICTS: PSYCHOLOGICAL OPERATIONS, ELECTRONIC WARFARE, COMPUTER NETWORK OPERATIONS
By Marius-Aurelian TOPOLNISKI, PhD student, National Defence University "Carol I", Bucharest, Romania

IBC EUROSATORY 2016

OBC ISRAEL AEROSPACE INDUSTRIES - IAI