



MILITARY TECHNOLOGY

Opportunities 2
Dennis-P. Merklingshaus

Opinion

- **How to do Business in India** 4
Bindiya Carmeline Thomas
- **Poland Seeks More International Cooperation in 2016**..... 4
Robert Czulda
- **The Politics of Defence Acquisition in Australia**5
Mitchell Sutton

Industrial Focus 6

Topic (1)

- **Special Operations in Recent Areas of Conflict**..... 12
Andrew White
- **Hunter Troops** 16
John Antal

Topic (2)

- **The Military Maintenance, Repair and Overhaul (MRO) Revolution** 19
Marty Kauchak
- **Against the Tide of Years – Armoured Vehicle Mid-Life Upgrade (MLU) Analysis** 20
David Saw

Spotlight on Chile

- **Chilean Armed Forces Update**..... 26
Juan Carlos Cicales
- **Sharp Edge of South America: Chilean Military Aviation**..... 29
Guy Martin

Spotlight on India

- **India's Quest for Indigenisation - Indian Defence Procurement Procedure and Planning**..... 34
Bindiya Carmeline Thomas and Deba R Mohanty
- **The Indian Army – Trying to Modernise a Giant**..... 41
Conrad Boroevic
- **Who's Who in the Indian Defence Procurement and Production Sector** 45
Deba R Mohanty
- **The Indian UAV Market - Potential for Future UAV Procurement and Internal Design and Development** 49
Brian Kindamo

Spotlight on Qatar

- **The Qatar Defence Matrix - Soft Power and Hard Power - Qatar's Defence Procurement, Plans, and Needs** 54
Robert Czulda, Georg Mader, and David Saw

Features

- **CBRN Terrorism: Threat Becomes Reality** 60
Andy Oppenheimer
- **Global Partnerships Counter Spread of Violent Extremists Organisations**..... 62
Andrew Drwiega
- **A New European Military Order? Germany to Increase Military Spending over Next 15 Years**..... 64
Dennis-P. Merklingshaus

Company Snapshots

Israel Weapon Industries (IWI) Putting Great Emphasis on Servicing Customers the Best Way Possible..... 33
Interview with Uri Amit, President and CEO of Israel Weapon Industries (IWI)

India's Samtel Avionics to Track Future Technologies to Anticipate Industry Needs and Solutions..... 48
Interview with Puneet Kaura, Managing Director and CEO of Samtel Avionics

TEJAS Shines Out of India – for the First Time 53
Interview with CD Balaji, TEJAS Programme Director and Head of all Indian Aeronautical Development (ADA), and Dr. S Christopher, Secretary, Department of Defence R&D and Director General, DRDO

Kaspersky Lab: India's Cyberspace, Critical Infrastructure Protection Require Utmost Attention ... 71
Interview with Altaf Halde, Managing Director - South Asia, Kaspersky Lab

C4I Forum

- **MILSATCOM – The Quest for More Secure Bandwidth**..... 67
Peter Donaldson
- **The Code War – The Cyberwar Has Already Begun**..... 72
Rick Adams

Unmanned Feature

- **The Indian UAV Market – Potential for Future UAV Procurement and Internal Design and Development** 49
Brian Kindamo
- **UAS Precision Targeting**..... 76
Andrew White

Safety and Security (SSI) Feature

- **Heading for a Time of Troubles – Cross-Border Safety and Security Issues in Latin America** 31
David Saw

Space Feature

- **MILSATCOM – The Quest for More Secure Bandwidth**..... 67
Peter Donaldson
- **Payload Modules for Space Vehicles** 79
Malcom Phillips

Technology: The Final Frontier

- **Examining Sound Weapon Technology**..... 81
Tim Mahon

From the Bridge

- News..... 85
- Index of Advertisers 90
- FIDAE 2016 Sees Saab RBS 70 NG as Integrated RWS..... 91
Interview with Mats-Olof Rydberg, Business Manager, Saab Business Unit Missile Systems – Americas, and Stefan Öberg, Head of Saab's Business Unit Missile Systems
- Military Component Market Overview** 94
- Epilogue 96

COVER

German Kampfschwimmer (Combat Swimmers) special-purpose force of the German Navy. (Photo: PIZ M) Inserts depict Chilean F-16s refuelled by a USAF KC-135 over Chile (Photo: USAF/MSG Bill Kimble); DRDO's RUSTOM-2 UAS (Photo: Mönch/DPM); and NovaWurks Hyper-Integrated Satlet (HISat), embedded with energy, metrology, navigation, processing, and communication capabilities (Graphic: NovaWurks). Small insert in captions shows Elbit Systems' HERMES 900 in flight. (Photo: Elbit Systems)

