



MILITARY TECHNOLOGY

Exciting Times in Technological Advances 2
Dennis-P. Merklingshaus

Opinion

- 2026 – What is on the HORIZON a mere Ten Years from Now..... 4
John Antal
- Georgian Expectations vs Reality..... 4
Eugene Kogan

Industrial Focus 6

Topics

- **Topic (1):** Special Operations Forces Interoperability
“The more we train together, the better we become together” . 12
Andrew White
- **Topic (2):** Live, Virtual and Constructive (LVC):
Training Solutions Are on the Up 20
Ian Strachan
- **Topic (3):** Counter-Unmanned Aerial Vehicle Technologies..... 24
Massimo Annati

Spotlight on Germany

- Austrian-, German-, and Swiss- Air Force Update:
“Joined Only by Language ...” 28
Georg Mader
- Germany’s Future Unmanned Capabilities 34
Olaf Ladegast
- How to Do Business with the Bundeswehr 36
André Forkert

Spotlight on Canada

- Canadian Armed Forces Modernisation..... 41
Andrew White

Company Snapshots

Super STALLION Triples
Operational Capabilities..... 38
Stephen Miller

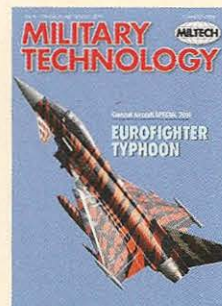
Frequentis Enables Customised Solutions
with a Maximum of Cost Efficiency:
Contributing to Flexibility,
Scalability and Service-Oriented Architecture 62
Interview with Dipl.-Ing. Dr. Peter Skiczuk,
Director Defence, Frequentis

Features

- Light Vehicles with Big Punch:
Major Calibre Direct Fire Cannon on Light Armour..... 44
Stephen Miller
- Raytheon Summarises its Wide Offer to Poland..... 47
Robert Czulda

Combat Aircraft Special 1: EUROFIGHTER TYPHOON

- Fully Optimising Multirole
Capabilities 50
Dennis-P. Merklingshaus
- Red Flag 16-2:
Italian Air Force Ready to Face
Challenges of the Future..... 55
Dennis-P. Merklingshaus



C4I Forum

- Electronic Warfare Solutions 58
Peter Donaldson

Unmanned Special Feature

- The Future of High Profile
International UAV Programmes 64
Andrew White
- Israeli Unmanned Systems 68
Eugene Kogan
- Proving Unmanned Combat Air
Vehicles (UCAV) Technologies 73
Peter Donaldson
- UAS Swarming Strategies 78
Brian Kindamo
- Counter-Unmanned Aerial Vehicle
Technologies 24
Massimo Annati
- Germany’s Future Unmanned
Capabilities 34
Olaf Ladegast
- Unmanned Ground Vehicle Developments 80
Paolo Quaranta
- The Next Wave: Racing Toward Robotic War 84
John Antal
- Closing the Gap: Unmanned Maritime Vehicle Development 93
Marty Kauchak



Simulation & Training Feature

- European Simulation and Training:
Tension-Driven Training Along NATO-Russia Borders 87
Rick Adams
- Live, Virtual and Constructive (LVC):
Training Solutions Are on the Up 20

From the Bridge

- Closing the Gap: Unmanned Maritime Vehicle Development 93
Marty Kauchak

News..... 98
Military Component Market Overview 102
Epilogue 104
Index of Advertisers 104

COVER

Germany has decided to lease Israel Aerospace Industries’ (IAI) HERON TP UAV as an interim solution for the German Armed Forces’ (Bundeswehr) MALE UAV requirements, entering service in 2018, until when Germany will extend its existing leasing arrangement for IAI HERON 1 UAVs (having extensive operational experience with the UAV in Afghanistan). Current MoD planning puts the HERON TP in service until 2025. (Photo: IAI)



Inserts depict Australian SOF force elements from the Special Air Service Regiment - SASR (Photo: Australian DoD); Cubic NEK Services providing specialised training and expertise to US and foreign SOF (shown here in a mobility attack scenario) (Photo: Cubic); and Canadian Armed Forces personnel stepping off a Boeing CC-177 GLOBEMASTER at the Danylo Halytskyi International Airport in L’viv, Ukraine, on 25 August 2015 marking the beginning of Operation “UNIFIER,” Canada’s military training mission in support of the Ukrainian Armed Forces. (Photo: Canadian DoND) Unmanned Special Feature cover shows an Insitu SCANEAGLE with SKYHOOK retrieval system in background. (Photo: DPM) Small insert in captions shows shots fired at SHOT Show 2016. (Photo: Mönch/DPM)