Improving close combat preparedness to ensure the infantry
The need for greater access to data for the soldier at the lowest
Research and experimentation to human/system integration in
The future of lethality for the dismounted soldier: How the cross
Tactical Engineering and Integrated Manufacturing Capability
Engaging in innovative human performance research to further
What information will we get from the Future Soldier
Increasing agility within acquisition and capability development,
How the Maneuver Battle Lab is expanding RAS capabilities
Ensuring survivability is not compromised through lighter protective
Prioritizing lethality, mobility, and survivability in Marine Corps
Combining tactical navigation, targeting, and communications
Improving soldier power and weight considerations through a
Lightening the load for Marines: acquiring better, lighter and more
Embedding RAS into dismounted soldier operations
Advances into new Soldier capabilities are being driven by
Ensuring effective connectivity through multiple networks, for
Integrating immersive technologies such as Augmented Reality
Tactical Applications
Ensuring capability development is equally prioritized as well as
equipment and materiel modernization
Brigadier General Anthony Polfs, Commanding General PEO Soldier, US Army (Subject to Final Confirmation)
Brigadier General A.J. Pasagian, Commander, Marine Corps Systems Command, USMC

Next Generation Interconnectivity Powering Mission Success
Understanding Mission Profiles
Adaptive Technology to Meet the Profiles
Tactical Engineering and Integrated Manufacturing Capability
Tactical Applications
Worldwide Technical and Logistical Support
Mr Mathias Nakatsui, System Engineering Manager, STAR-PAN System Architect, Glenair

Delivering Lethality Overmatch and Close Combat Superiority Through Innovative New Technologies
• The Close Combat Lethality Task Force’s mission increasing
dismounted soldier lethality and overmatch
• Upgrading infantry squads through the Next Generation Squad
Weapon (NGSW), providing greater accuracy and lethality, whilst
reducing recoil and weight
• Further projects leveraging innovative S&T for greater soldier
lethality
• Increasing agility within acquisition and capability development,
working with industry and research to deliver the best possible
equipment
Mr Joe L’Etoile, Director Close Combat Lethality Task Force (CCLTF), US DoD (Subject to Final Confirmation)

Session Reserved for Gold Sponsor: Black Diamond Advanced Technology (Presentation Details TBC)
Mr Richard Stone, Vice President of Strategic Planning, BDA Technology

The Future of Lethality: Embedding Immersive Technologies into Soldier Systems for Enhanced Capabilities
• The future of lethality for the dismounted soldier: How the cross
functional team for soldier lethality can deliver cutting edge
advancements in soldier capability
• Integrating immersive technologies such as Augmented Reality
(AR) into dismounted soldier technology
• Supplying real time tactical data to the soldier in the wearer’s field of
vision, including blue force tracking and geospatial information
• Other current and future programs aimed at enhancing soldier
lethality, and the CFT’s vision for future soldier lethality
Colonel Travis Thompson, Chief of Staff, Soldier Lethality Cross Functional Team and Director of Soldier TCM-S, US Army CDID

Chasing the Future. Running from the past of Soldier Systems
• Advances into new Soldier capabilities are being driven by
commercial technology
• Developing systems and capabilities which utilize commercial’s
rapid advances with an eye toward the primary missions of
shooting, communicating and sustaining both on off the battlefield
Colonel (Ret’d) Richard Hansen, Former Project Manager, Soldier
Potential for further autonomous sensors to improve dismounted
Chairman’s Opening Remarks
Colonel (Ref’d) Richard Hansen, Former Project Manager, Soldier
WARRIOR, PEO Soldier, US Army

Transforming the Warfighter’s Equipment and Capabilities to Dominate the 21st Century Battlefield
Improving close combat preparedness to ensure the infantry
can fight and win in complex tactical environments
• Providing next generation weapons and ensuring the soldier is
dressed with effective optic accessories for maximum lethality
• Reducing physical and cognitive burden through Adaptive Soldier
Architecture
• Closely coordinating programmes and projects to ensure effective
capability integration
• Ensuring capability development is equally prioritized as well as
equipment and materiel modernization
Brigadier General Anthony Polfs, Commanding General PEO Soldier, US Army (Subject to Final Confirmation)

Enhancing Soldier Lethality and Survivability Through Marine Corps Equipment Modernization and Development
• Prioritizing lethality, mobility, and survivability in Marine Corps
equipment modernization programmes
• Improving firepower through new combat weapon suites
• Lightening the load for Marines, acquiring better, lighter and more
effective personal protective equipment
• Ensuring survivability is not compromised through lighter protective
equipment
• The future vision for Marine Expeditionary Forces to succeed in
multi-domain operations
Brigadier General A.J. Pasagian, Commander, Marine Corps Systems Command, USMC

Networking Lunch
Adaptive Soldier Architecture
Soldier and Squad System Integration and for Improved Combat Effectiveness
• Soldier modernization through a ‘soldier and squad as a platform’
approach, integrating multiple systems for enhanced capabilities
at individual and squad level
• Improving soldier power and weight considerations through a
central processing unit and a single battery source
• Enhancing soldier mobility in diverse environments
• The need for greater access to data for the soldier at the lowest
tactical level
Colonel Troy Denomy, Project Manager Soldier Warrior, PEO Soldier, US Army

The Impact of Connected Weapons in the Future Battlefield
• The future battlefield’s challenges
• What information will we get from the Future Soldier
• How AI will impact the Future Battlefield
• Weapon logic & future systems integration
• AI-powered decision making
SECUBIT Mr Itay Weiss, CEO & Reserve Major, Israeli Navy, Secubit Ltd

Nell Warrior: Integrating C4I Technology to Achieve Greater Dismounted Situational Awareness
• Ensuring faster and more informed battlefield decision making by
increasing dismounted situational awareness
• Leveraging COTS smartphone technology to aid the warfighter
• Combining tactical navigation, targeting, and communications
data in a single display
• Ensuring effective connectivity through multiple networks, for
greater communication reliability
• Increasing integrated capabilities through open architecture
design
Lieutenant Colonel Vince Morris, PdM Ground Soldier Systems (GSS), PM SWAR, PEO Soldier, US Army

Delivering Technological Infrastructure at the Tactical Edge
• Maintaining future systems growth and development
• Enabling efficient and effective force application
• Enhancing data, voice and situational awareness
• Meeting current and future close combat challenges head on
Mr Richard Waldrom, Capture Lead Soldier Systems, Ultra Electronics

A Human Factors Approach to Enhancing Soldier Modernization and Lethality
• Engaging in innovative human performance research to further
future soldier capabilities
• Evaluating and reducing cognitive and physical burdens to the
dismounted soldier
• Empowering the soldier through research & analysis supporting the
Synthetic Training Environment, increasing lethality battle
preparedness
• Research and experimentation to human/system integration in
support of the notion of ‘soldier as a system’
Dr Corde Lane, Director, Human Research & Engineering Center, U.S. Army Research Laboratory

Transforming Soldier Mobility Through Robotics & Autonomous Systems
• Embedding RAS into dismounted soldier operations
• How the Maneuver Battle Lab is expanding RAS capabilities
through advanced testing and experimentation
• Lightening the load through the Squad Multi-Purpose Equipment
Transport
• Leveraging miniature land and air-based RAS, such as soldier borne
Nano-drones
• Potential for further autonomous sensors to improve dismounted
situational awareness
Colonel (Ref’d) Edwin Davis, Acting Director Maneuver Battle Lab, US Army

Chairman’s Closing Remarks and Close of Day One
Colonel (Ref’d) Richard Hansen, Former Project Manager, Soldier
WARRIOR, PEO Soldier, US Army

Networking Dins/Coffee Reception
Hosted by Lead Sponsor Glenair
Ensuring soldiers are effectively equipped and to face the
Working closely with dismounted soldier and in theater to ensure
Advanced research with a ‘human factors’ focus to maximize the
Managing polarities at play: Visionary AND Practical, Agile AND
Challenges in developing and acquiring new soldier equipment in
Emphasising human factors in soldier capability enhancement: the
The wars of the future: The role of the individual soldier in the multi-
Enhancing lethality and survivability for the dismounted soldier
Enhancing individual and crew served weapons for lethality
Enhancing combat effectiveness through marksmanship training
Identifying and bridging capability gaps through close work with
Taking a holistic approach to soldier protection, developing new
Increasing survivability by reducing signature detectability
Benchmarking industry and government best practices that
The role of REF in rapid non-standard equipment development to
Developing new integrated C4I systems for the dismounted soldier
Big “A” Acquisition as a “Team of Teams”
Integrating ballistics and environment parameters to maximise hit
Optimizing soldier performance including lethality and sustainability
Current priorities and efforts to ensure the individual Royal Marine is
Leveraging enhanced navigation, night vision goggles and
The need for agile response to new and complex threats in the 21st
Contributing to soldier capability development through the work of
Improving ballistic protection through the Australian Soldier
Warrior, PEO Soldier, US Army
Former Project Manager, Soldier
Colonel (Ret’d) John Charlton,
Director Combat Capabilities Development
Director General Integrated Soldier Systems,
FN Herstal
Director General Integrated Soldier Systems, Capability Acquisition and Sustainment Group. Australian Army
Mr Douglas Tamillo, Director Combat Capabilities Development Command
Commander, 3 Commando
Commander, 3 Commando
Lieutenant Colonel Anthony Kurz,
Asymmetric Warfare Group
Mr Francois Legras,
FN Herstal
Mr Thomas Smith, Information Technology Insertion Consultant to FN, FN America