



# JOINT FIRES SUMMIT



**DELIVERING GAME CHANGING FIRES CAPABILITIES TO THE JOINT FORCE**  
**JANUARY 19-20, 2022 | STONE EVENTS CENTER | HUNTSVILLE, AL**

# SUMMIT OVERVIEW

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## Program Design & Goal:

Defense Strategies Institute's 2022 Joint Fires Summit will bring together the DoD, Military Services, Industry, & Academia to discuss how they are currently working toward delivering cutting-edge surface-to-surface fires systems that will significantly increase range and effects over currently fielded US and adversary systems.

The 2022 Joint Fires Summit will focus developing and fielding cutting edge fires and strike capabilities in order to meet the growing challenges of strategic competition across the globe. The need to have reliable and lethal systems capable of penetrating enemy area denial systems is a growing priority as potential enemies continue to invest in their defense capabilities while also developing hypersonic and other standoff weapons systems.

DSI's team specializes in the extensive research and development of our Summits' content and focus areas, and we will assemble the most respected minds in human and technical analysis from intelligence leaders to key policy-makers across military and civilian offices. Our non-partisan approach allows us to reach across all services and organizations to bring together a truly holistic group of decision makers and solution providers.

## Operating Guidelines:

DSI's Summit directly supports DoD and IC priorities by providing a conduit for officials to efficiently reach audiences outside of their respective offices that directly impact their department's mission success, at no charge to the government, and in an efficient expenditure of time.

DSI's Summit will provide a forum to address and improve internal and external initiatives, meet with and hear from partner organizations, disseminate vital capability requirements to industry, increase visibility within the larger community, and generally support their mission.

The Summit is open and complimentary to all DoD, IC, and Federal employees and is considered an educational and training forum.

(Industry and academia members are charged a fee of attendance)

Summit is CLOSED TO PRESS / NO RECORDINGS

# SUMMIT OVERVIEW

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## General Target Audience:

U.S Military Services, Members of the Intelligence Community, Government Agencies, Academia, and U.S. Technology Solution Providers

## Specific topics to be discussed include:

- Equipping Warfighters with War-Winning Precision Strike Capabilities
- Fielding Army Long Range Precision Fires Systems for a Strategic Competition Environment
- Modernizing and Developing Joint Strike Capabilities to Maintain a Competitive Advantage against Near-Peer Adversaries.
- Utilizing Fires for Ground Based Anti-Ship to Facilitate Sea Denial and Control
- Maximizing Army Fires Capabilities and Readiness to Enable Dominance across Joint Environments
- Enabling the Rapid Sharing of Fires Information at the Speed of Need

**8:00 – 8:45** *Registration and Light Breakfast Reception Open*

(Central Standard Time )

**8:45 – 9:00** *Chairperson Opening Remarks*

**MG (ret.) Al Shoffner, USA (Confirmed),**  
Former Commanding General. Fires Center of Excellence and Fort Sill

**9:00 – 9:45** *Leveraging Joint Fires Capabilities to Assure Freedom of Action for U.S. forces throughout the IN-DO-PACOM AOR*

- Creating a highly survivable, precision-strike network along First Island Chain
- Enabling a convergence of strike capabilities without vulnerability of concentration
- Integrating weapons and capabilities into a warfighting concept that deters adversaries and provides positional advantage to US and allied forces

**Brig Gen David Shoemaker, USAF (Confirmed)**

Deputy Director of Operations, J3  
U.S. Indo-Pacific Command

**9:45-10:30** *Maximizing Army Fires Capabilities and Readiness to Enable Dominance across Joint Environments*

- Developing modern fires systems capable of supporting US operations across the globe
- Leveraging joint fires to generate and maintain combat power throughout operations against a peer competitor
- Expanding Army Fires capacities in order to meet the needs of a potential large-scale engagement

**BG Andrew Preston, USA (Confirmed)**

Commandant of the Field Artillery  
Fires Center of Excellence and Fort Sill

**10:30-11:00** *Network Break & Exhibits*

**11:00–11:45** *Ensuring our Warfighters have the Tools, Training, and Expertise Required to Successfully Strike Targets Against any Adversary*

- Providing a tactical advantage to the warfighter at the speed of relevance
- Optimizing Air Force capabilities for joint, all domain combat operations against a peer nation
- Shaping the future fight through training, testing, and innovation

**Col Daniel Lehoski, USAF (Confirmed)**

Commandant  
USAF Weapons School

**11:45 – 12:30** **Obtaining Prompt, Lethal, Flexible, and Survivable Strike Capacities against Advanced Adversary Offensive and Defense Capabilities**

- Ensuring global integration enablers are in place to accelerate access to joint strike
- Making improvements to the kill chain for rapid prosecution of fleeting targets
- Delivering surgical strikes as a part of larger campaigns to increase effectiveness of existing platforms

**Maj Gen Michael Lutton, USAF (Confirmed)**

Commander  
Twentieth Air Force

**12:30 – 1:30** **Networking Lunch**

**1:30 – 2:15** **Acquiring Next Generation Naval Precision Strike weapons Capabilities**

- Creating a roadmap for precision strike weapons across Navy aviation
- Balancing the requirements of current Naval strike capabilities with the needs for future weapon systems
- Advancing Navy Strike capabilities to meet the challenges of the future operation environment

**CAPT Richard Gensley, USN (Confirmed)**

Program Manager Precision Strike Weapons  
NAVAIR

**2:15 – 3:00** **Providing the Warfighter with Advanced Missile Technology to Enable a Swift and Decisive Victory**

- Delivering collaborative and innovative missile capabilities for responsive and cost-effective research, development, and life cycle engineering solutions
- Rapidly transitioning efforts from a COIN environment to focusing on peer competitors
- Advancing Warfighter lethality potential in anti-access, area denial multidomain operations

**Jeffrey Langhout, SES (Confirmed)**

Director  
U.S. Army Combat Capabilities Development Command Aviation & Missile Center

**3:00 – 3:30** **Networking Break & Exhibits**

**3:30 – 3:45** Filed Artillery Association Session

**3:45 – 4:30** Fielding Army Long Range Precision Fires Systems for a Strategic Competition Environment

- Defeating enemy A2/AD through enhanced long-range fires capabilities
- Leveraging land-based missiles and artillery to out range and suppress enemy batteries
- Applying hypersonic and other long range fire capabilities to engage high payoff targets in a time sensitive manner

**BG John Rafferty, USA (Confirmed)**

Director

Long Range Precision Fires Cross Functional Team

[End of Day 1](#)

**8:00 – 8:45** *Registration and Light Breakfast Reception Open*

**8:45 – 9:00** **Chairperson Opening Remarks**

**MG (ret.) AI Shoffner, USA (Confirmed)**  
Former Commanding General  
Fires Center of Excellence and Fort Sill

**9:00 – 9:45** **Advancing Army Hypersonic Capabilities in order to Maintain US Dominance against Strategic Competition**

- Developing multi-domain precision long-range fires
- Rapidly prototyping hypersonics to enable fires to be a decisive factor
- Fielding new long range fires systems and developing first-ever TTPs for hypersonics

**Bob Strider, SES (Confirmed)**  
Deputy Director  
Army Rapid Capabilities and Critical Technologies Office

**9:45-10:30** **Application and Integration of Current and Emerging Capabilities into Operations to Meet Commanders' Targeting Objectives**

**COL David Lee, USA (Confirmed)**  
Director, Army  
Multi-Domain Targeting Center

**10:30-11:00** **Networking Break & Exhibits**

**11:00–12:30** **Panel Discussion: Leveraging AI to and emerging Sensor Technology to enhance US targeting capabilities**

This panel will discuss how the DoD can leverage emerging AI and machine learning technologies to optimize sensor to shooter information sharing for better targeting on the battlefield. This will allow opportunities for enhanced mission transformation and quality of data while allowing intelligence to it downstream and facilitate target recognition. With the emergence of strategic competition US Forces will need actionable intelligence and a more rapid pace than ever before.

**Invited Moderator:**

**Maj Gen (ret.) Peter Lambert, USAF** - former Assistant Deputy Chief of Staff, Intelligence, Surveillance and Reconnaissance of the U.S. Air Force **(Confirmed)**

**Invited Panelists**

**COL Joseph O'Callaghan, USA** - Fire Support Coordinator and AI-Enabled Targeting Lead, XVIII Airborne Corps **(Confirmed)**

**Col Jonathan King, USAF – Commander, 18th Air Support Operations Group (Confirmed)**

**Wes Rumbaugh – Associate Fellow, Center for Strategic & International Studies (Confirmed)**

**12:30– 1:30**   **Networking Lunch**

**1:30– 2:15**   **Soft Recoil Technology for Towed Howitzers**

**MG(R) Mark McDonald, USA (Confirmed)**

Former CG, Fires Center of Excellence

**2:15– 3:00**   **Enhancing the Capabilities of AMCOM's Patriot LARs Workforce**

- Providing more hands-on training to Patriot Soldiers at the point of need
- Reinforcing the skills and knowledge needed to work on Patriot weapon systems
- Supporting the warfighter and creating a force multiplier through increased readiness

**Jason "Jay" Brundige (Confirmed)**

Missile Branch Chief

AMCOM, G-33 LAP

**3:00**   **End of Summit**