

### THE FOUNDATION OF INTELLIGENCE

# Warfighting Foundational Military Intelligence at Scale—Operationally Relevant, Easy to Assimilate, and 3D Precision Accurate

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### Accelerating Change in Contested, Degraded, and Operationally-Limited Warfighting Domains

- Understanding the INDOPACOM Area of Responsibility
  - Force Projection
  - Force Protection
  - Course of Action Development
  - Countering Emerging and Disruptive Technologies
- Embracing new ways to improve FMI's speed and accuracy at global scale leveraging commercial/open standards technologies
- Tie to emerging employment concepts and force development ...USAF's Agile Combat Employment and USMC's Force 2030



# Harnessing Cloud Technologies with GEOINT and Targeting Domain Expertise—Blueprint?

UNIFIED COMBATANT COMMANDS

COMBAT SUPPORT AGENCIES

SERVICES.

COALITION PARTNERS

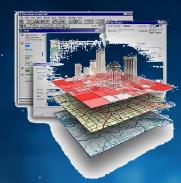
INTELLIGENCE COMMUNITY



On the Loop Targeting



**Force Protection** 



**Force Projection** 



#### Higher Confidence Reporting To:

- Enhance Intelligence Prep of the Battlespace
- Provide Threat Warning and Situational Awareness
- ✓ Produce 3D precision accurate products
- ✓ Tap AI/ML tools
- ✓ Improve Target recommendations & Aim Point Selections/ (i.e., Joint Desired Point of Impact or Desired Mean Point of Impact (JDPI & DMPI)
- ✓ Leverage high-performance AI/MLdriven analytics
- ✓ Perform Battle Damage Assessments (BDAs) to make reattack recommendations
- ✓ Demonstrate cross-domain network processes

Modernization and Enhancement of the JADC2 Effects



#### Leverage Innovative ISR Platforms

- Long and deep Indo-Pac experience with commercial aircraft for collection/processing
- Cloud enabled edge device delivers correlated FMI at scale



## INDOPACOM Warfighter Needs + High Performance Computing + Commercial ISR = High Yield FMI

Cloud Innovation Only Works w/
Domain Knowledge

Understand Emerging
Warfighting CONOPS and
Force Restructuring

Tap Innovative
Airborne Platform
And Its Global
Footprint

Force Design 2030 efforts – with a special emphasis on the idea that the Marines will operating as small groups distributed throughout the vast Pacific and will need to rely on their own organic capabilities to "sense, make sense and close kill chains" across long distances – are shaping concept development, acquisition efforts and personnel models... USNI News, April 2021

The United States Air Force is using the term agile combat employment (ACE) to describe a way of operating that relies less on large traditional main overseas bases as hubs for projecting combat power and more on launching, recovering, and maintaining aircraft from dispersed forward operating locations ... Air University, Aug 2021

