



SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS

Trusted Experts

Mr. Jim Smith *Acquisition Executive*



Strategic Approach & Ways

Generate U.S. Advantage & Adversaries Dilemmas



Next Generation ISR

Find, Fix, Finish, Exploit and Analyze...

Faster & improved accuracy

Use with and through all domains (Air, space, Cyber, Maritime, Ground)

Constellation of multiple CubeSats and SmallSats containing ISR sensors


Sensors capable Threat Warning, Tracking, and Data Exfil

Access to non-permissive environments for intelligence collection

Next Generation Mobility

Increased Survivability
Alternate Precision
Navigation & Timing

Precision Fires & Effects

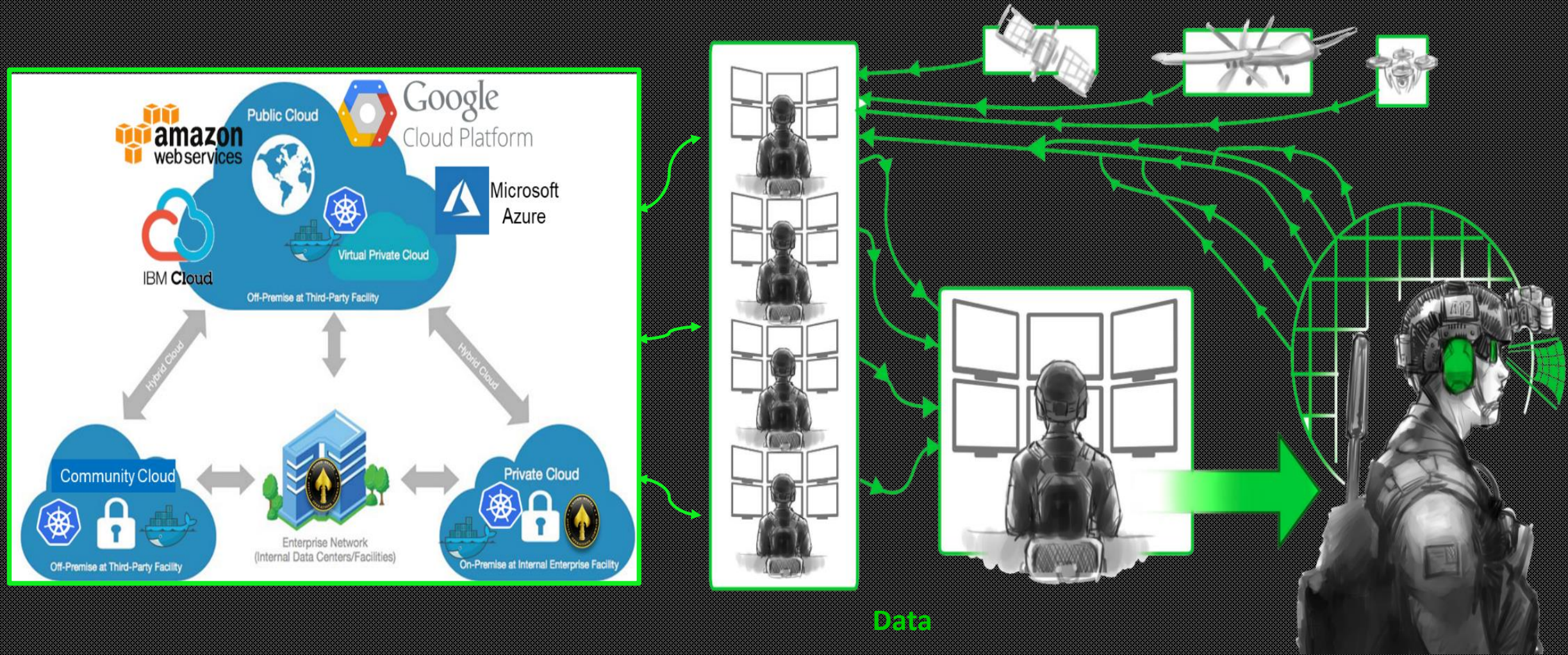


Organic loitering precision strike capability
Backpack, vehicle, maritime, and air launch platforms
Increased ranges and loiter times
Multiple munitions
Common Launch Tube
Sensor-to-shooter linkage
Establish industry production base

Hyper-Enabled Operators

Increased survivability, lethality,
and situational awareness
Advanced human-machine interfaces
Improved decision making

Hyper-Enabled Operator in the Cognitive Domain... at the Edge



Networks & Data

Mobility of the SOF Global Mission Force

*Provision Connectivity Anywhere
with Anyone*

Computing at the Edge

Embedded Multimodal Data Discovery

*Artificial Intelligence /
Machine Learning*

*Automatically Discover, Know,
Anticipate, Collaborate*

Our Relationship in the Information Era



REQUIREMENTS

We've asked you for **PLATFORMS** that carry computers, sensors and comms. We'll start asking for **C4ISR** that is carried on platforms – *the emphasis matters*



DATA

You'll see an increased emphasis on data. What data is generated? Who owns it? How accessible is it? (Hint: A lot. I need to... Very... to me)



CYBER SECURITY

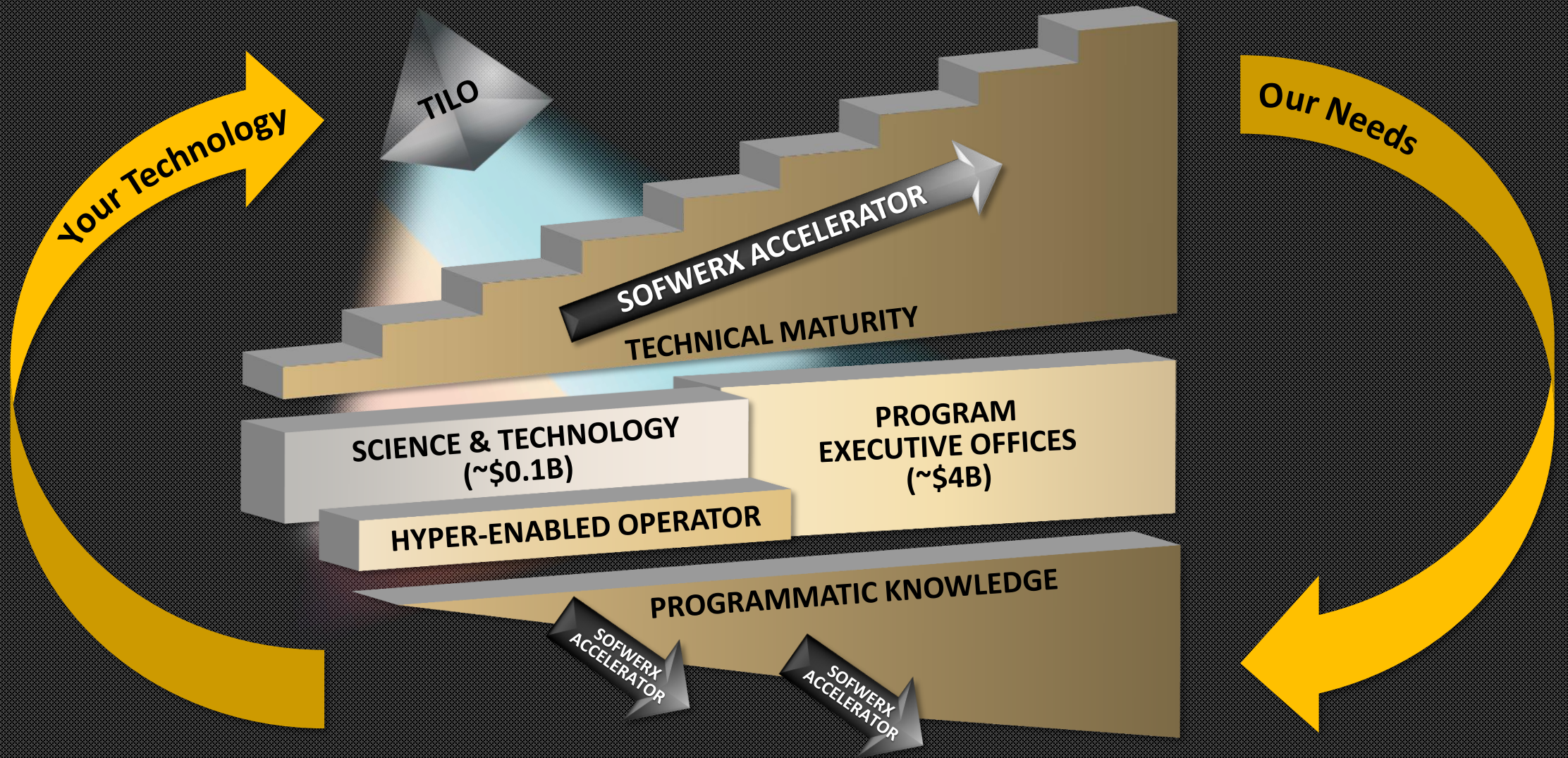
We'll be more interested in not only how you are protecting our information but also the pedigree of your subs and suppliers.



WHAT'S NEXT

How do we start building AI/ML into our systems now?

Our Needs + Your Technology + (Mgt Govt x Mgt Ind) = Capability



Your Challenge

**We're Starting to Move Faster
Can You Keep Pace?**

New Tools/Authorities

SOF are Early Adapters

OTA, Middle Tier Acquisition, CSO...



Transparent



www.socom.mil/SOF-ATL

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EXPERIMENTATION IDEAS

<https://www.socom.mil/SOF-ATL/Pages/technical-experimentation.aspx>