



# Utility of the DI2E Reference Architecture

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# Questions for the Audience

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- Do you have a reference architecture?
- What use is a reference architecture?
- How do you assess:
  - Completeness?
  - Program alignment?
  - Policy conformance?

# What is DI2E?

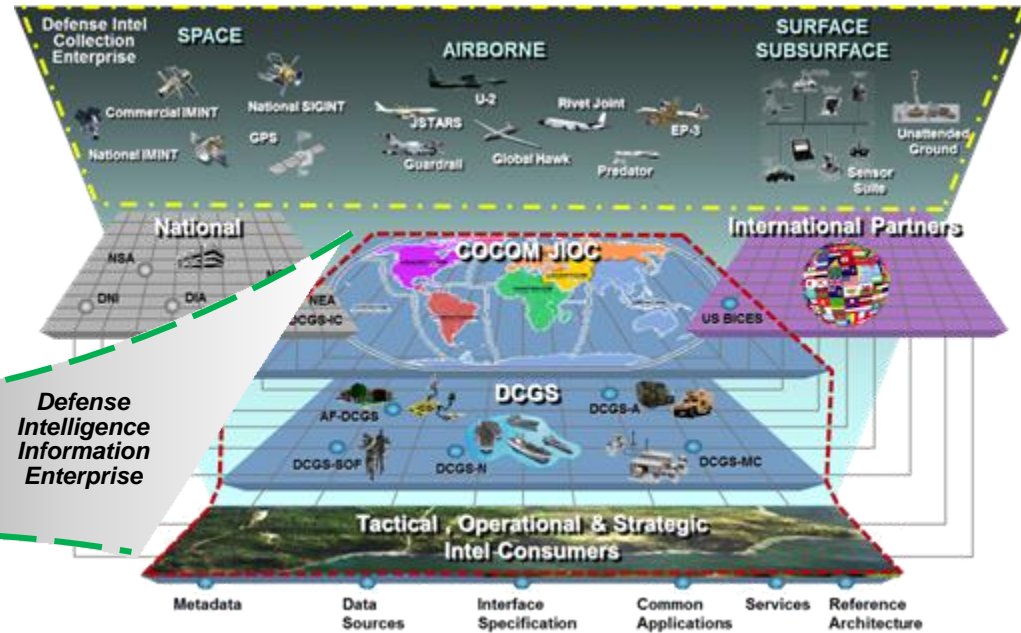
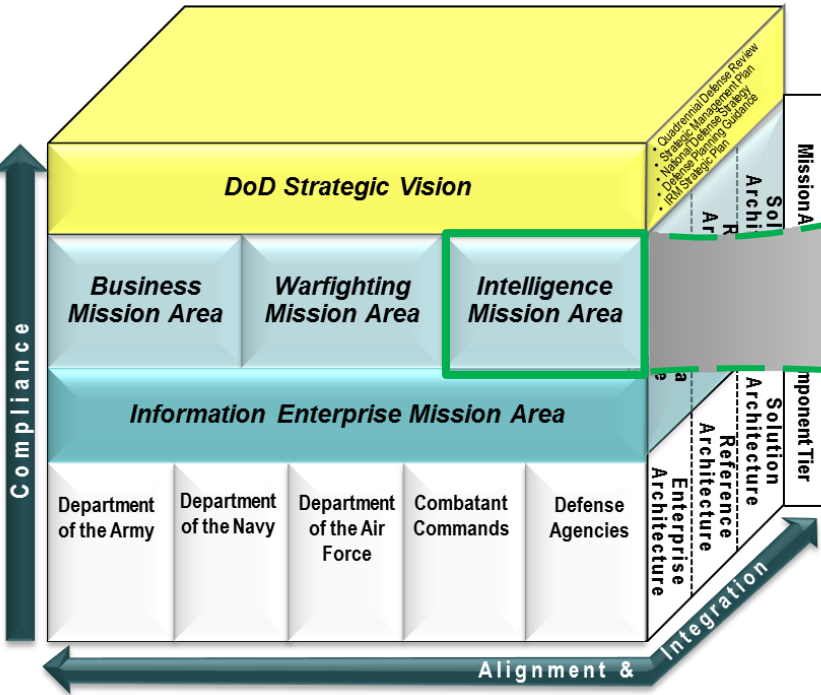
Show of hands:

## Who has heard of DI2E?

National Defense Industrial Association

Office of Undersecretary of Defense (Intelligence)  
Defense Intelligence Enterprise

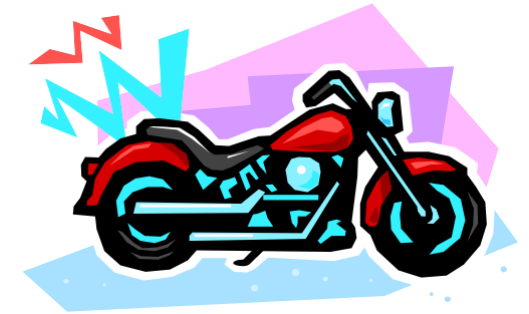
### DoD Enterprise Architecture (EA)



**DI2E fits within the Intelligence Mission Area of the DoD Enterprise Architecture**

# Taxonomy of DoD Architectures

- Mission Architecture:
  - Two wheeled transportation providing outdoor driving experience
- Reference Architecture:
  - Transportation will be optimized for off-road experience by being able to jump hills and transit logs 6" in diameter
- Solution Architecture:
  - Here's how Yamaha does it...



**Motorcycle**



**Off-Road Motorcycle**



**Yamaha WR250**

## *Is your program:*

Maintainer of a reference architecture?



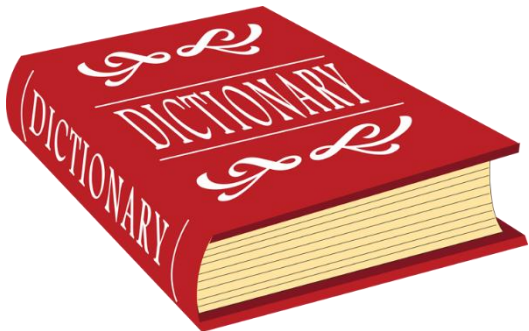
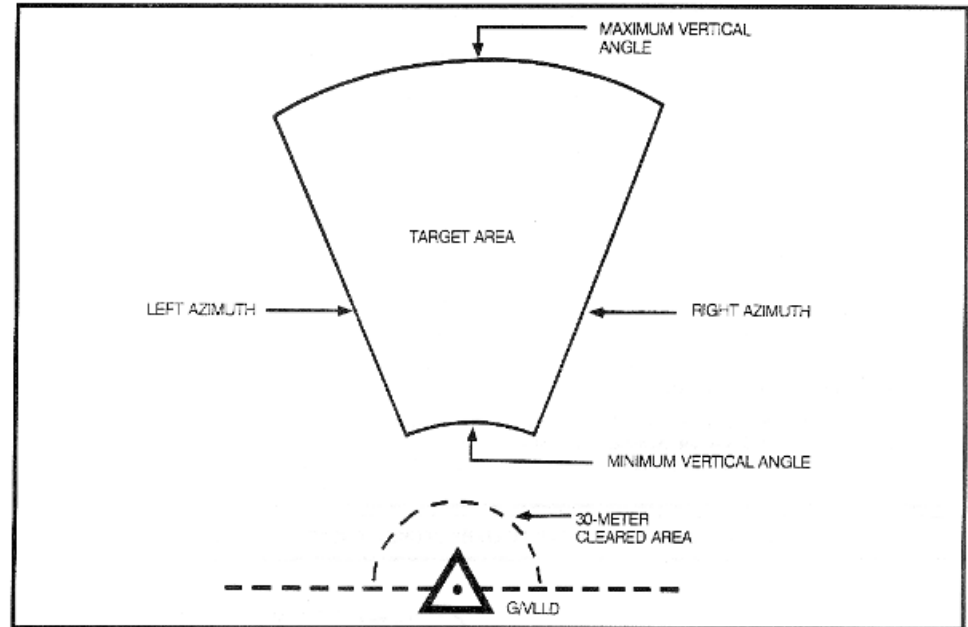
A solution architecture constrained by a reference architecture?

## *What use is an Reference Architecture?*

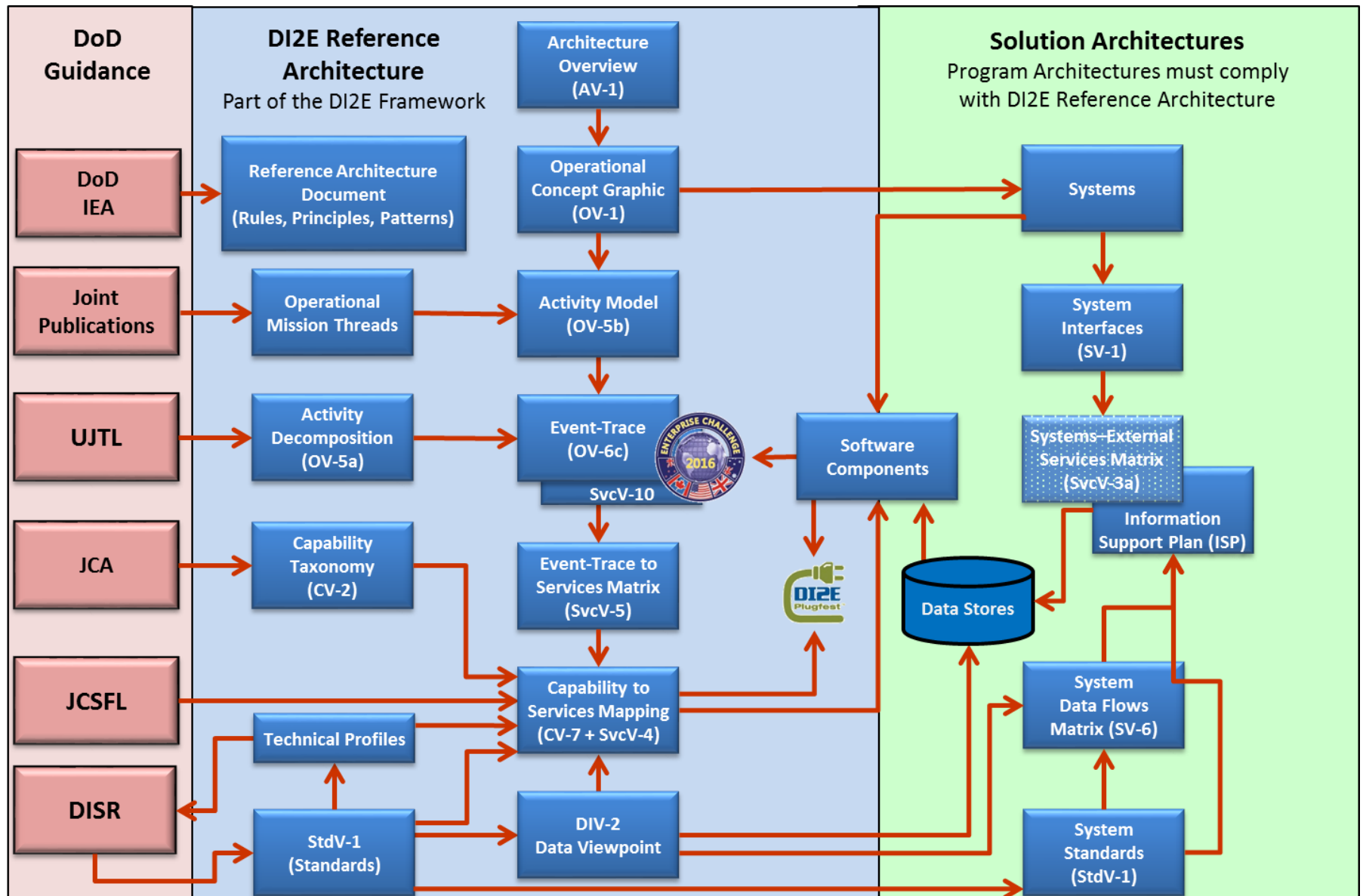
Provides left and right lateral limits:

- a. Things that can be reused
- b. Guidelines for building
- c. Dependencies
- d. Critical interfaces

Figure A-15. G/VLLD SAFETY DIAGRAM WITHOUT BACKSTOP



Provides common vocabulary and frame of reference



## *How do you assess:*

Alignment to the  
Reference Architecture?



Conformance?  
Completeness?



## Step 1: DI2E Annual Data Call

- Send us your architecture artifacts
- Send us additional documentation (ISP, accreditation package)



## Step 2: Assessments

- Compare solution architectures to Reference Architecture
- Does the solution architecture align to mission activities?
- Interoperability Assessments: DI2E Plugfest, Enterprise Challenge, Stormforce, etc.

## Step 3: State of the Enterprise Report:

- Summarize annual assessments
- Report year-over-year trends



**Report**



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