



*Joint Simulation System  
(JSIMS)  
Program Update*

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*DMSO Industry Days  
24 May 00*

# REPORT DOCUMENTATION PAGE

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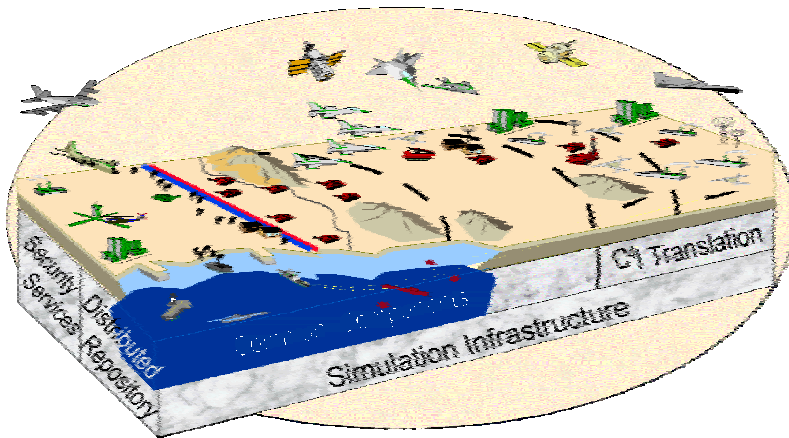
<b>14. ABSTRACT</b> DoD's "flagship" modeling and simulation program for the warfighters. Replace outdated Service legacy systems. Real-world C4I systems...using common components. Distributed training...mission planning...mission rehearsal. Achieve the CJCS goal to "move more electrons and fewer troops."
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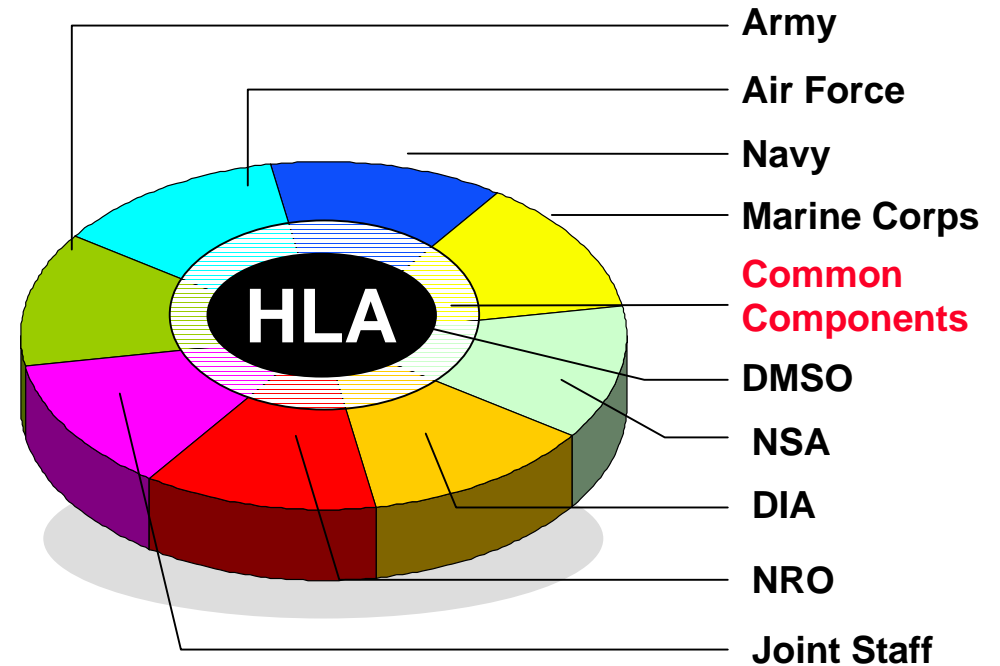
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# What is JSIMS ?



A Joint, interoperable simulation



A collaborative effort of nine partner simulations

- DoD's "flagship" modeling and simulation program for the warfighters
  - Replace outdated Service legacy systems
  - Real-world C4I systems ... using common components
  - Distributed training ... mission planning ... mission rehearsal
  - Achieve the CJCS goal to "move more electrons and fewer troops"



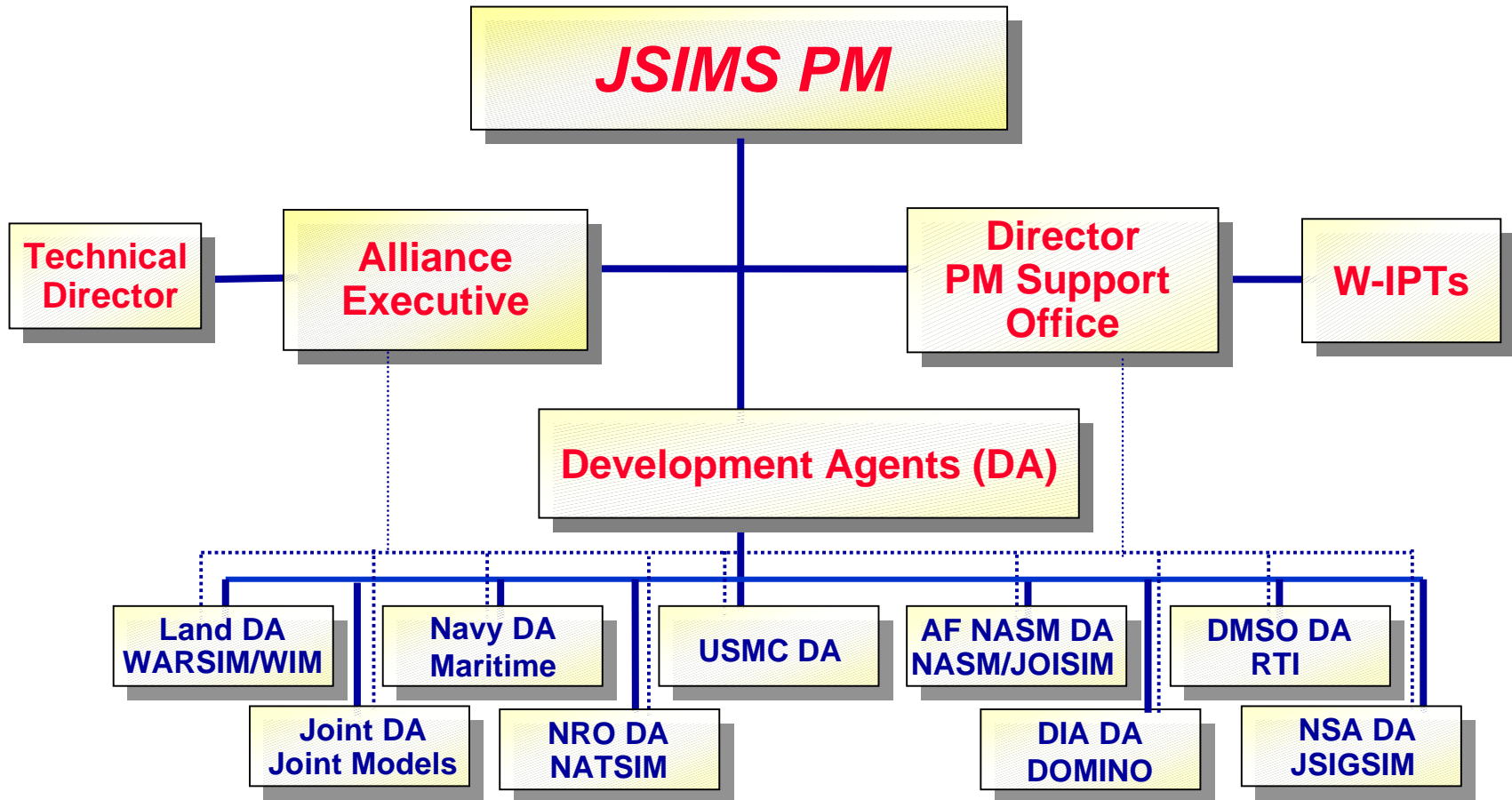
- **Jun 94: JSIMS program initiated**
  - Core significantly underfunded from the beginning (\$60M)
  - Intelligence Agencies and Security not considered / included
- **Dec 96: Revised MOA approved**
- **Oct 99: OSD Technical Review conclusion**
  - Serious technical risks ... management and funding problems
- **Nov 99: DUSD(S&T) chaired a Senior Review Board**
  - Made programmatic recommendations to USD(AT&L)

## *Recent events*



- **USD(AT&L) Acquisition Decision Memo (16 Dec 99)**
  - Designate JSIMS an ACAT 1D Program
  - Change PEO from Air Force to the Army
  - Transition to High Level Architecture (HLA)
  - Rebaseline the program and revise the MOA
  - Development Agents report to new PEO
  
- **Program rebaselined (Jan - Mar 00)**
  - Cost, schedule, and performance revised
  - OSD “executive” sessions 29 Mar 00 and 5 Apr 00
  - PDUSD(AT&L) briefed 7 Apr 00
  - PDUSD(AT&L) memo, 19 Apr 00
    - Directed FY 01-07 funding actions to “ fully fund the program”

# JSIMS Program Management Organization

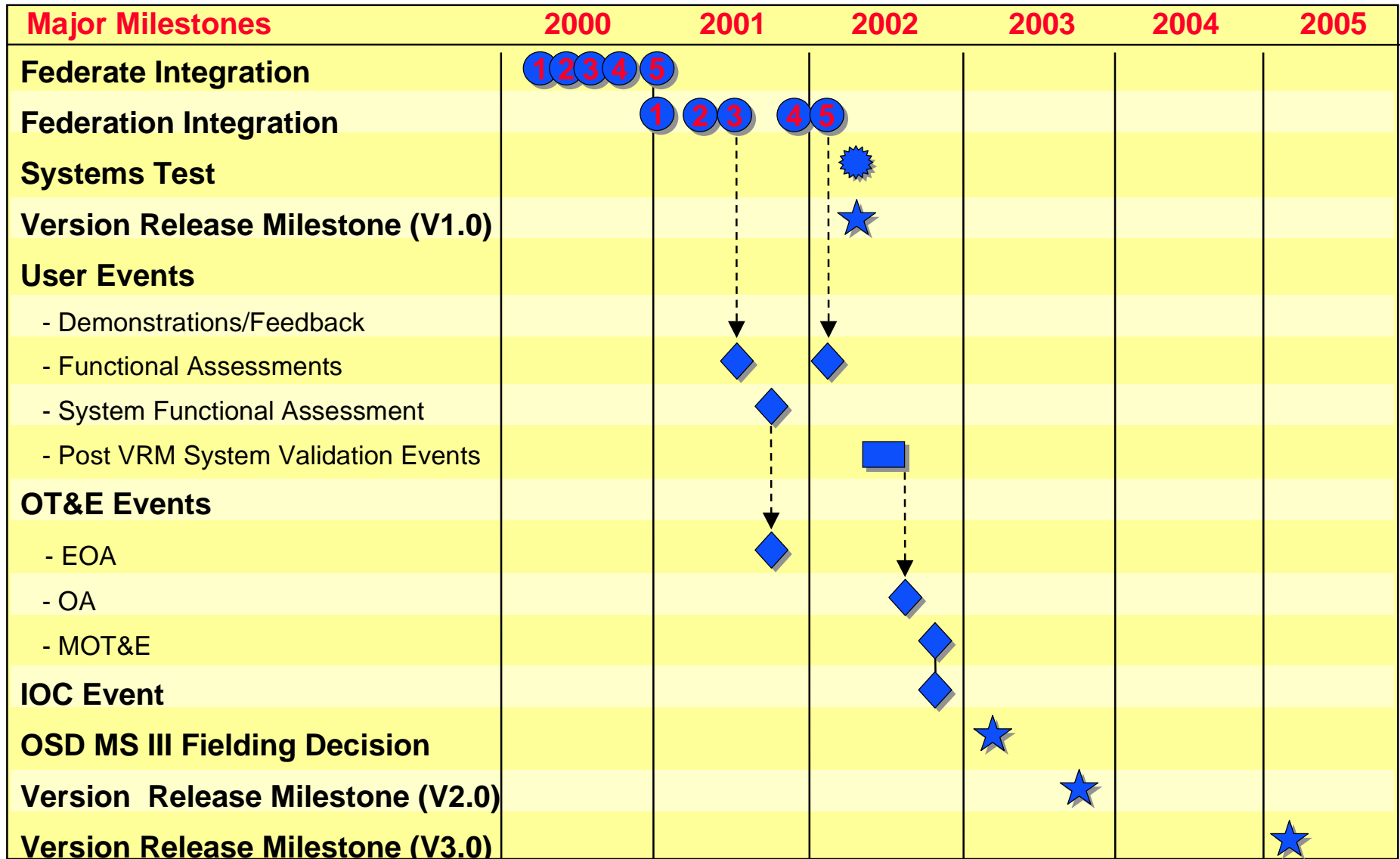


## *Schedule*



- **IOC dates:**
  - Dec 99: established by original MOA ('94)
  - Apr 01: result of new APB/inadequate funding ('98)
  - Nov 02: delay of “core” infrastructure / inadequate funding
- **Mar 02: version release milestone (VRM) 1.0**
  - Software ready for Service / Agency use
- **Nov 02: JWFC conduct an initial Joint training event**

# Master Schedule



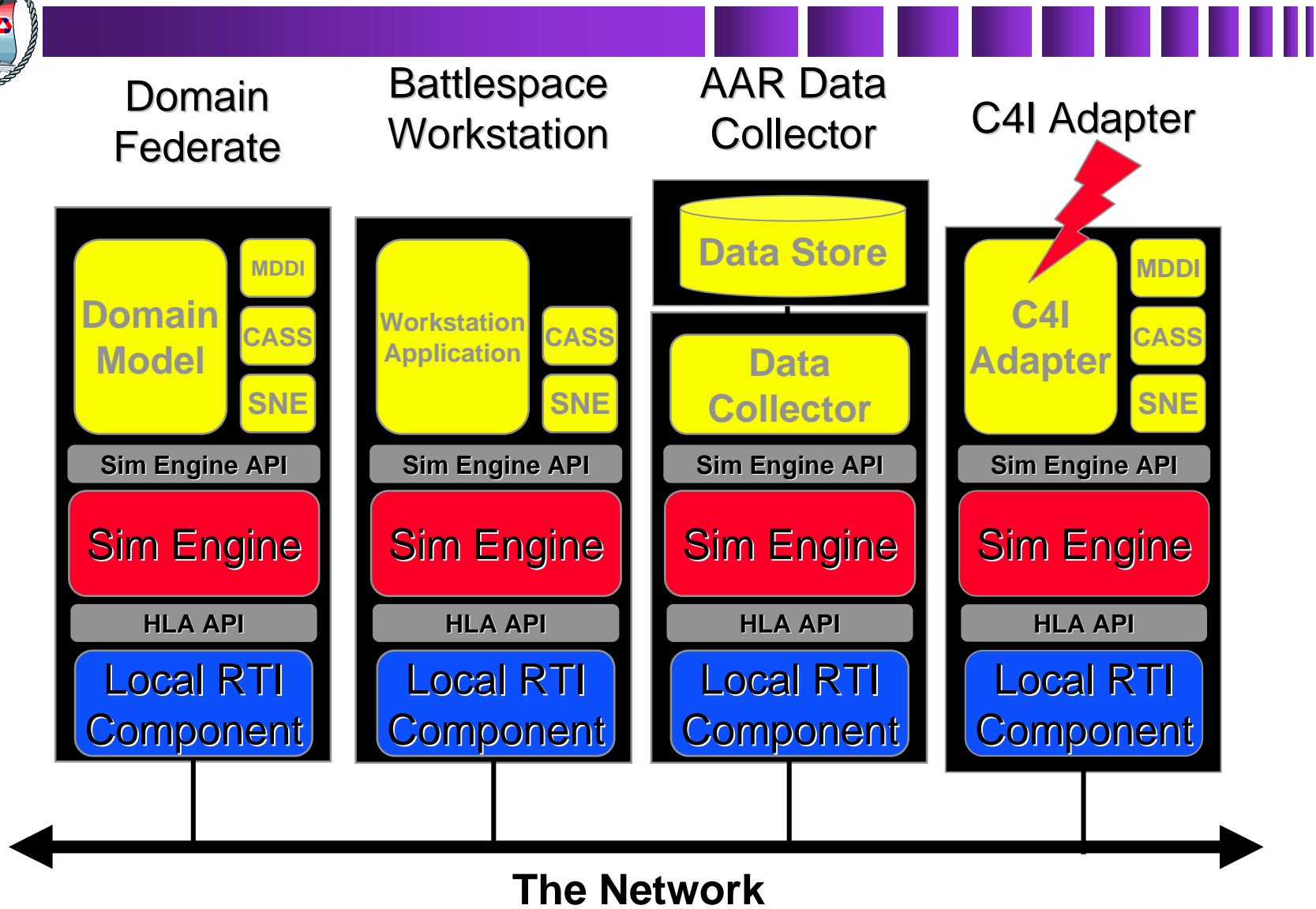


## *Elements to achieve success*

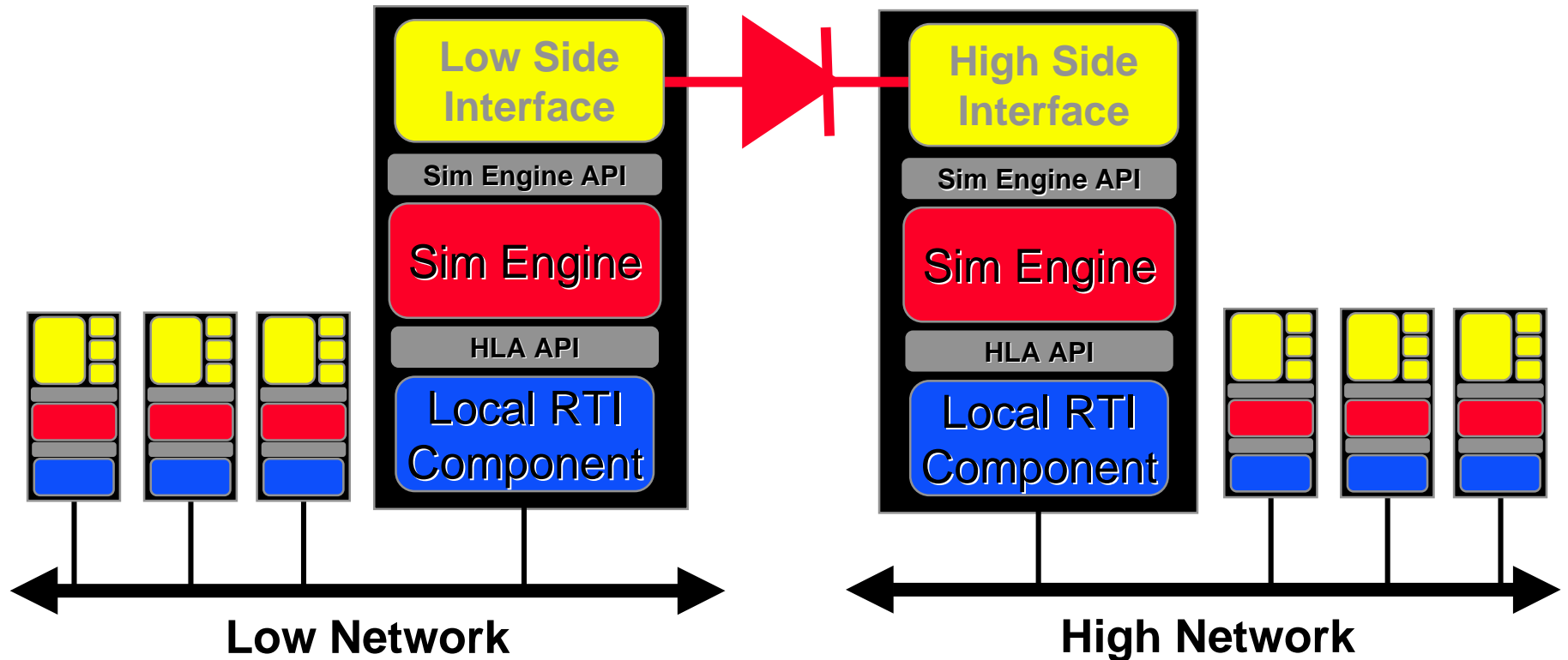


- **Partnership and trust are absolutely essential**
- **Integration demonstrated in small steps**
  - Solve problems early
  - Build users' and developers' confidence early ... and often
- **Defense Modeling and Simulation Office**
  - Now a partner for developing High Level Architecture (HLA)
  - HLA is the key to success
- **Basic software fundamentals**
  - Data flow analyses ... early prototyping ... risk mitigation plan

# Major Federates and Their Parts

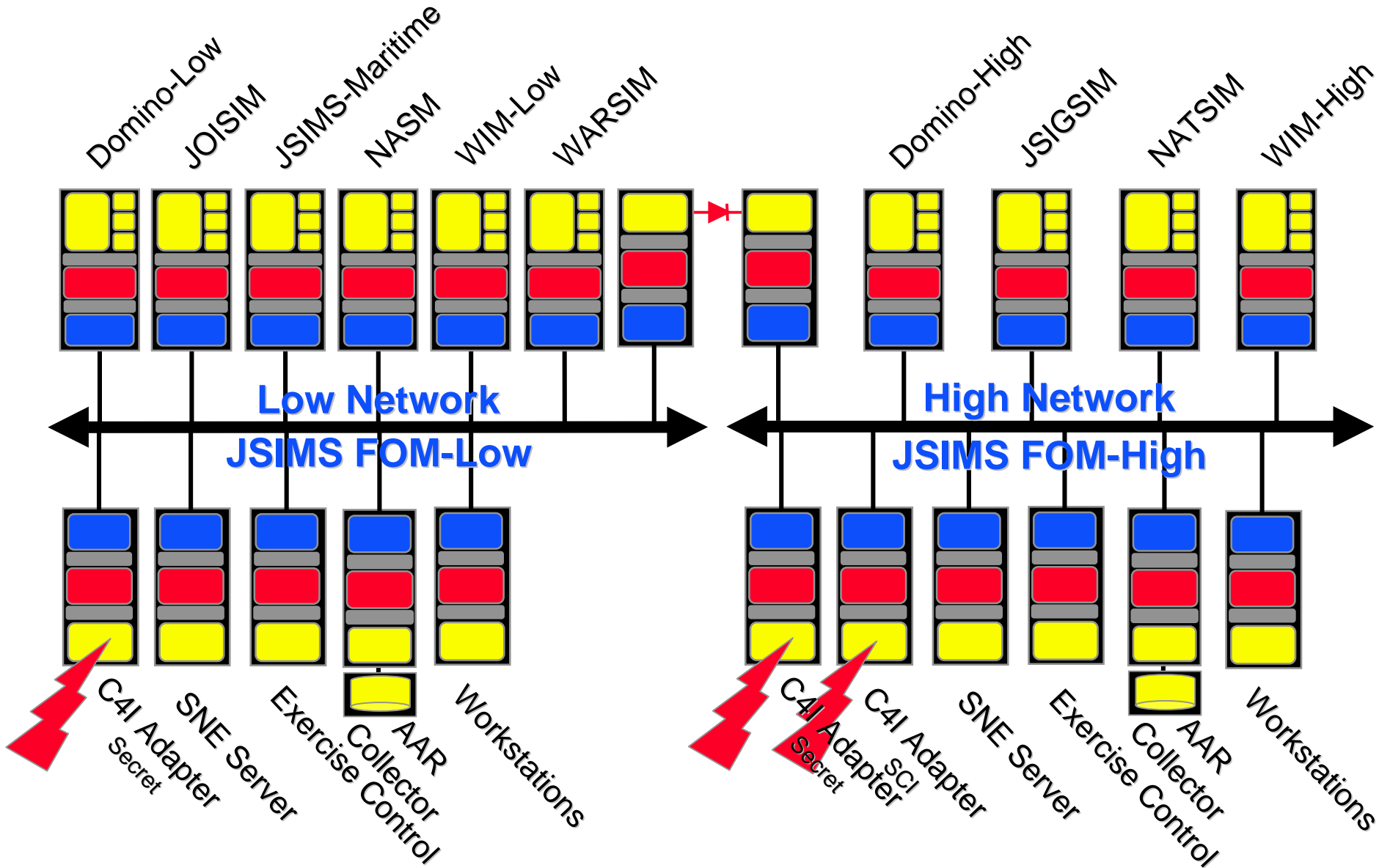


# Security Federation Connector



Provides Low to High Transfer

# JSIMS



## *PEO assessment*



- Program is executable for Mar 02 version release if:
  - FY 01 Joint Staff UFR of \$18.2M is resolved
  - Services / Agencies commit to fully funding their requirements
  - OSD protects Service / Agency programs from programmatic cuts, withholds, taxes, etc.
  - All partners deliver their software components on time



# Discussion