

# TMAS VISION

PENETRATION

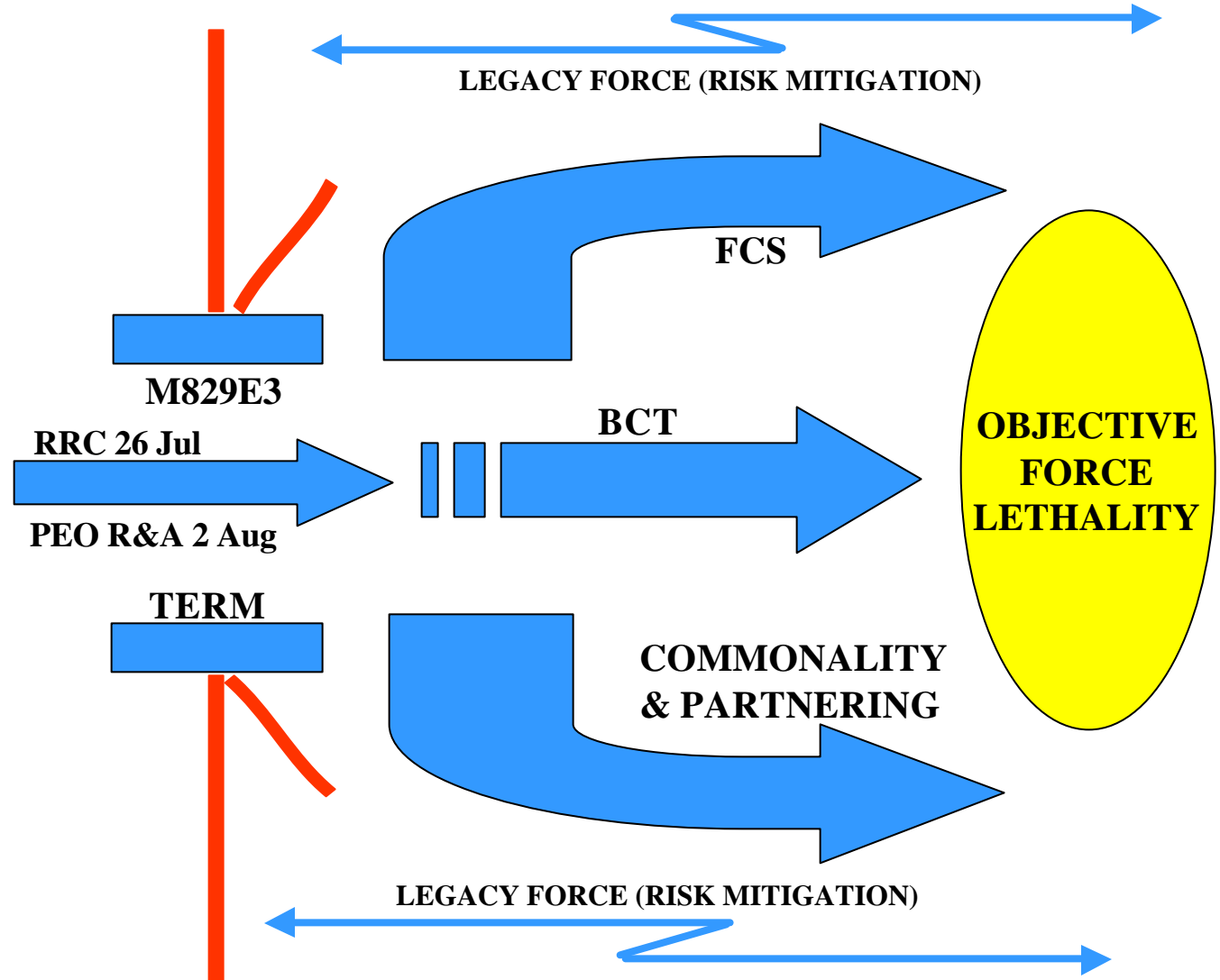
EXPLOITATION

OBJECTIVE

**REAR**  
DA STAFF  
PEO STAFF  
DCS AMMO  
OSC

**FOLLOW & SUPPORT**  
XM1002  
XM1028  
ATAS  
Med Cal Systems  
KEWA1/2  
PRODUCTION  
ENVIRONMENTAL  
LOGISTICS

**RESERVE**  
TACOM-ARDEC  
ARL  
INDUSTRY



**OBJECTIVE FORCE LETHALITY**

# EXISTING SITUATION

COMPOSITES

LAUNCHERS

LOW – “G”

ROCKETS

AUTONOMOUS

LEGACY – INTERIM - OBJECTIVE

GNC

SEEKERS

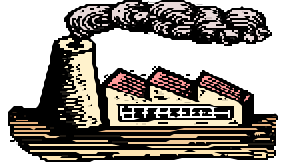
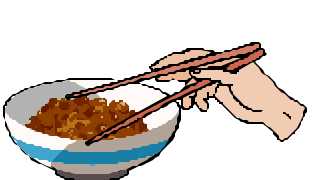
GUIDED

KE

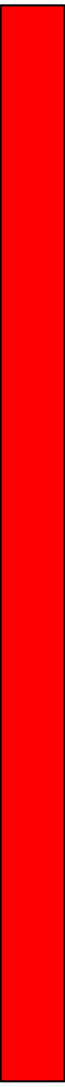
CE

EFP

HE



REDSTONE



COMPOSITES

GUNS

HIGH – “G”

ROCKETS

AUTONOMOUS

LEGACY – INTERIM - OBJECTIVE

GNC

SEEKERS

GUIDED

KE

CE

EFP

HE



PICATINNY



# PARADIGM SHIFT

LAUNCHERS

KE

GUNS

GUIDED

CE

GNC

AUTONOMOUS

EFP

SEEKERS

LOW – “G”

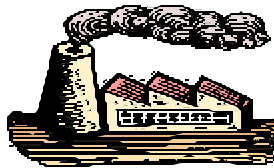
HE

HIGH – “G”

COMPOSITES

ROCKETS

LEGACY – INTERIM - OBJECTIVE

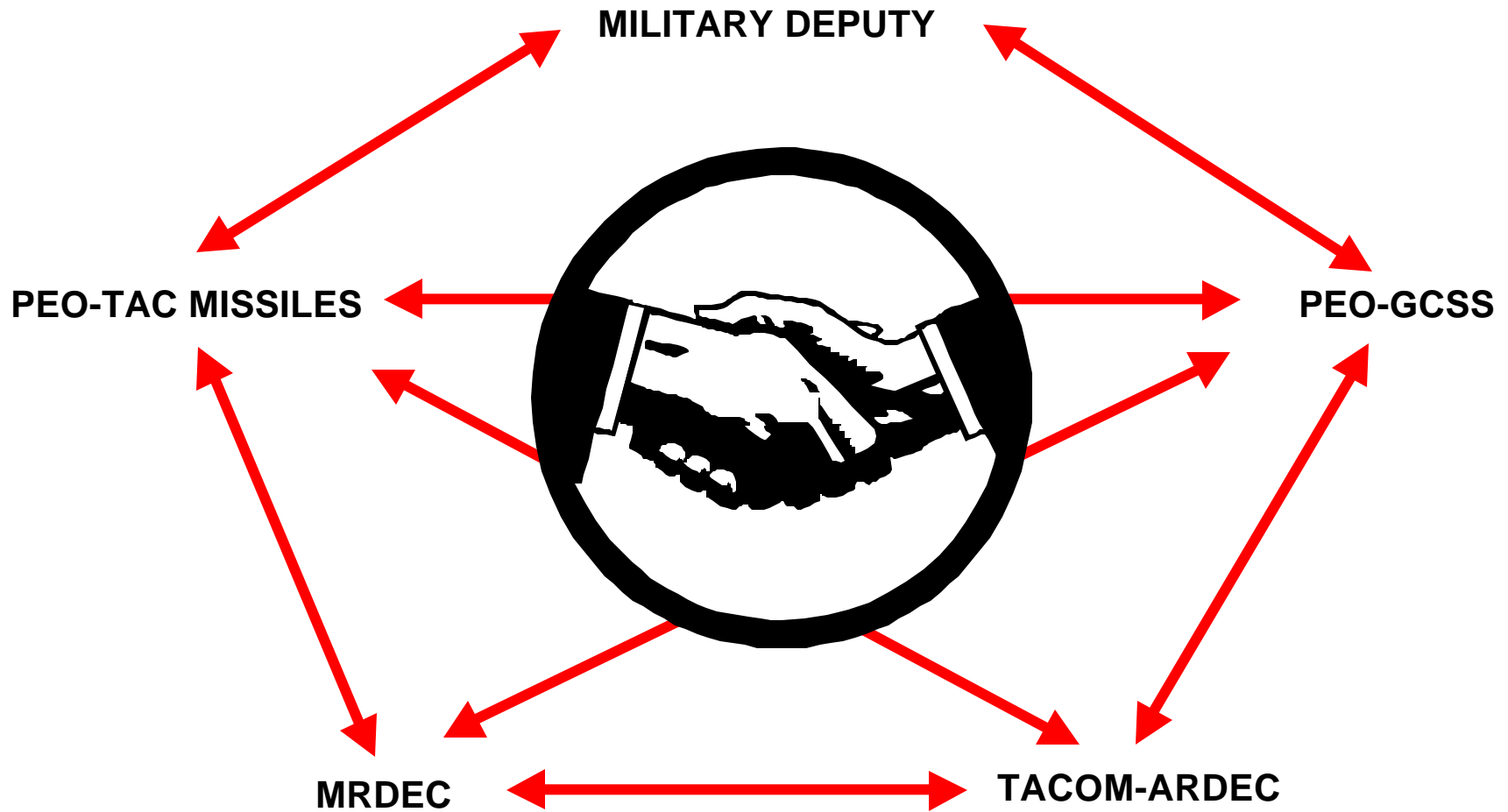


REDSTONE



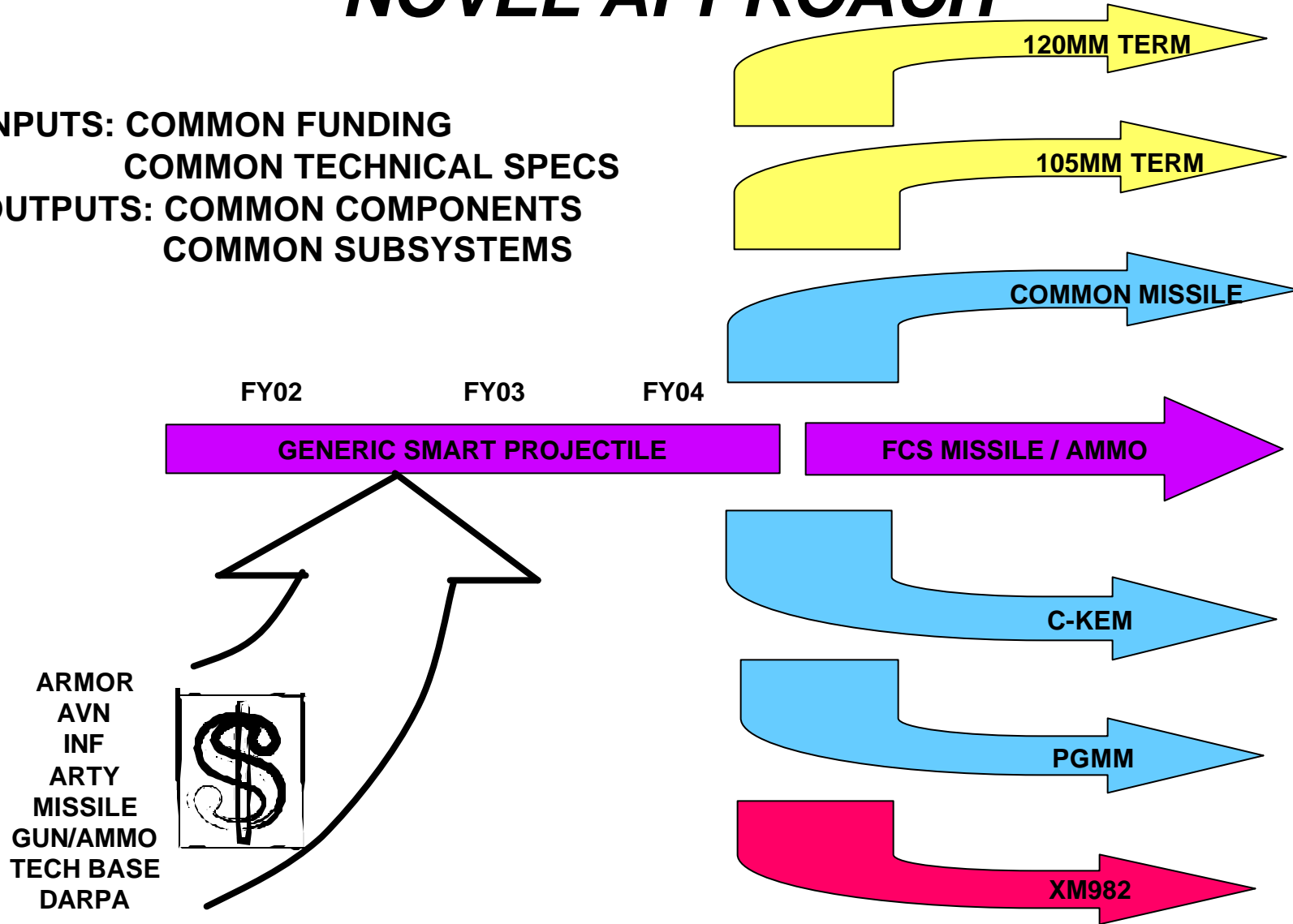
PICATINNY

# PROPOSAL



# NOVEL APPROACH

INPUTS: COMMON FUNDING  
COMMON TECHNICAL SPECS  
OUTPUTS: COMMON COMPONENTS  
COMMON SUBSYSTEMS





Project Manager  
Tank & Medium Caliber Armament Systems

**PM-TMAS**

**LEGACY FORCE**



**BRIGADE COMBAT TEAM**



**OBJECTIVE FORCE**



**HOME-ON-HOME  
PROGRAM OVERVIEW  
25 April 2002**

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# PAST & CURRENT COOPERATION



- **TERM-KE**

- **TERM-KE shared all lethality data with C-KEM**
  - **Discarding Rocket Motors**
  - **Terminal Effects**
- **PM-KEM contributed (\$100K of \$250K) joint armor test**

- **TERM/MRM**

- **AMCOM Access to All TERM/MRM Designs and Performance data**
- **PM-Common Missile (CM) personnel have contributed at major meetings**
- **AMCOM supported TERM APS Analysis**
- **AMCOM conducted the TERM CFT**
- **PM-CM allowed to use TERM equipment for their Captive Flight Test**
- **AMCOM is supporting digital simulation of MRM**
- **CKEM SCG used as a reference for MRM SCG**
- **MRM is laying ground work for HIL/SIL at AMCOM**
- **PM-CM invited to participate in Integration and Tactical Development Teams but have not availed themselves yet**

- **AMCOM participated on MRAAS Smart Suite Source Selection**



## CONCLUSION



- Everyone, everywhere, has **more than enough work** to do in order to transform the Army.
- Resources are **very scarce**.
- To insist upon an army of “All Missiles” or “All Guns” is to **ignore history**.
- We must **leverage** each other’s expertise to transform the Army **affordably**.
- **Both** Picatinny and Redstone are **essential**.
- Without us, all platforms are **NONLETHAL**.
- Let’s continue to work **together**.