

# 6.2 TRAINING INSTRUMENTATION AND SITUATIONAL AWARENESS (SA) TECHNOLOGY



### TASK DESCRIPTION:

- DEVELOP AND VALIDATE TECHNOLOGIES THAT DEMONSTRATE AN AFFORDABLE CAPABILITY THAT APPLIES INSTRUMENTATION AND SITUATIONAL AWARENESS TECHNOLOGIES TO PROVIDE ENHANCED, DEPLOYABLE LIVE-TRAINING AND COMBAT SITUATIONAL AWARENESS AT ALL LEVELS OF THE MAGTF.

### PAYOFF:

- ENHANCED SITUATIONAL AWARENESS CAPABILITY FOR INDIVIDUAL, SMALL UNIT, AND COMBINED ARMS LIVE SIMULATIONS
- PORTABLE NON-VIRTUAL MOUT AND CQB TRAINING CAPABILITY FOR SUPPORTING IMPROVED SITUATIONAL AWARENESS AT ALL LEVELS.

### TECHNICAL APPROACH:

- IDENTIFY USERS/SME/REQUIREMENTS
- IDENTIFY TECHNOLOGY DRIVERS
- EXPLOIT INSTRUMENTATION TECHNOLOGY FOR PLI IN OPEN AND RESTRICTED TERRAIN
- EXPLOIT HIGH SPEED AND WIRELESS NETWORK TECHNOLOGY
- CONDUCT TECHNOLOGY FEASIBILITY ASSESSMENT
- DEVELOP CONCEPTUAL MODEL FOR PROTOTYPING
- EXPLOIT AD HOC NETWORKING AND INTELLIGENT SENSOR NODES
- PERFORM DEV TESTS AND DEMOS TO PROVE FEASIBILITY

### PERFORMERS:

- PM TRASYS (TDA)
- INDUSTRY: TBD

### SCHEDULE: TRAINING INSTRUMENTATION AND SA TECH

TASKS	FY02	FY03	FY04	FY05	FY06
TECH FEASIBILITY ASSESS		△	△		
CONCEPTUAL MODEL DEV		△	△		
DEVELOP PROTOTYPE			△	△	
CONDUCT EVALUATIONS		△			△
TRANSITION TO 6.3 PROGRAM				◇	

TRANSITION: TRAINING INSTR/SA (6.3), DVTE, RIS