

Product Manager Digitized Training



Instrumented Ranges

*Mr. Carlos Alvarado
Lead Engineer*





Mission

Provide new and modern ranges capable of training, evaluating and stressing today's soldiers and their modern equipment with a realistic train-as-you-fight environment, using all available combat systems capabilities, and digitally integrating those systems to manage all forces undergoing individual and collective live-fire training and qualification.

**Competition Type: TBD
Period of Performance: FY-05/09
Estimated Dollar Range: Est. \$250M
Estimated RFP Release Date: TBD**

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Program Goals

- **Common Training Instrumentation Architecture (CTIA) Compliance**
- **Minimize development**
- **Use of Next Generation of Army Target Systems (NGATS) components, when available**

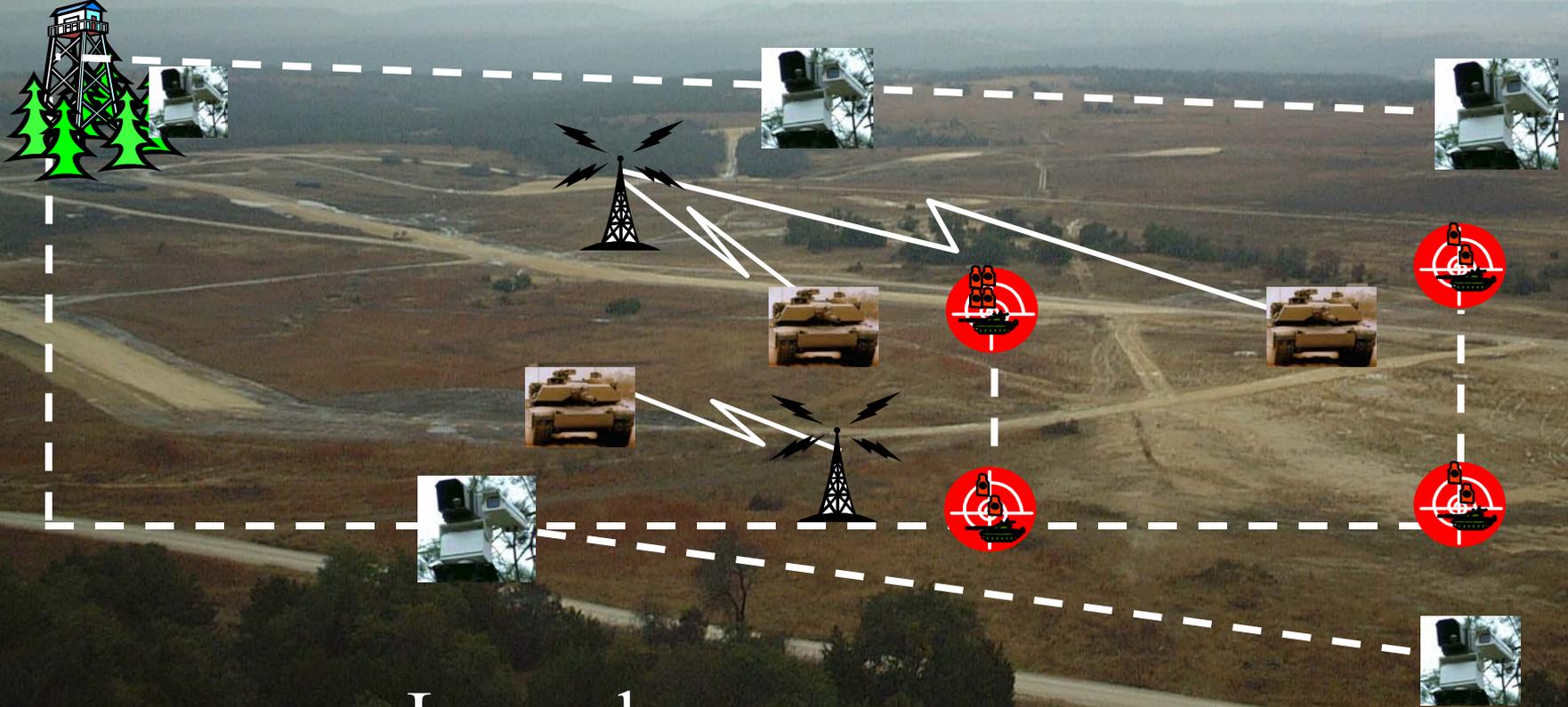


Capabilities & Characteristics

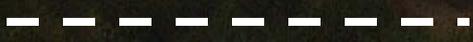
- **The Instrumented Ranges is based on the Digital Multi-Purpose Range Complex (DMPRC) ORD (approved in Sep 99)**
- **Instrumented Ranges will:**
 - **Provide realistic live fire ranges for qualification of digitized forces.**
 - **Provide enhanced training data collection for After Action Reviews (AAR).**
 - **Integrate with other live, virtual and constructive training events.**
 - **Utilize interfaces compliant with the Common Training Instrumentation Architecture.**
 - **Use advanced targetry to represent realistic threats and reactions.**
 - **Stimulate digitized force systems.**

Typical Instrumented Range

CENTRAL CONTROL



Legend

Fiber 

Radio Wave 

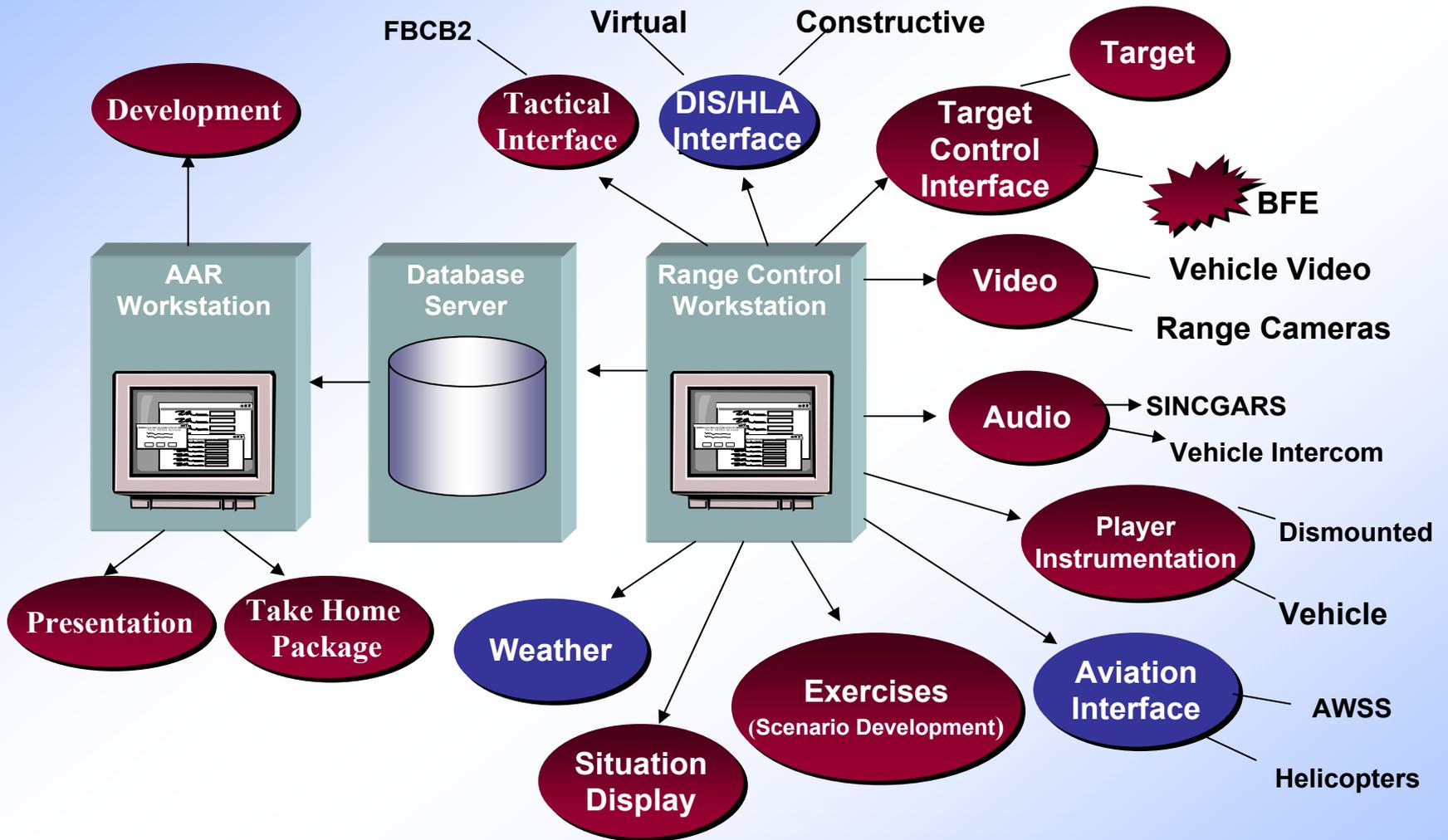
Camera 

Target 

Player Unit 

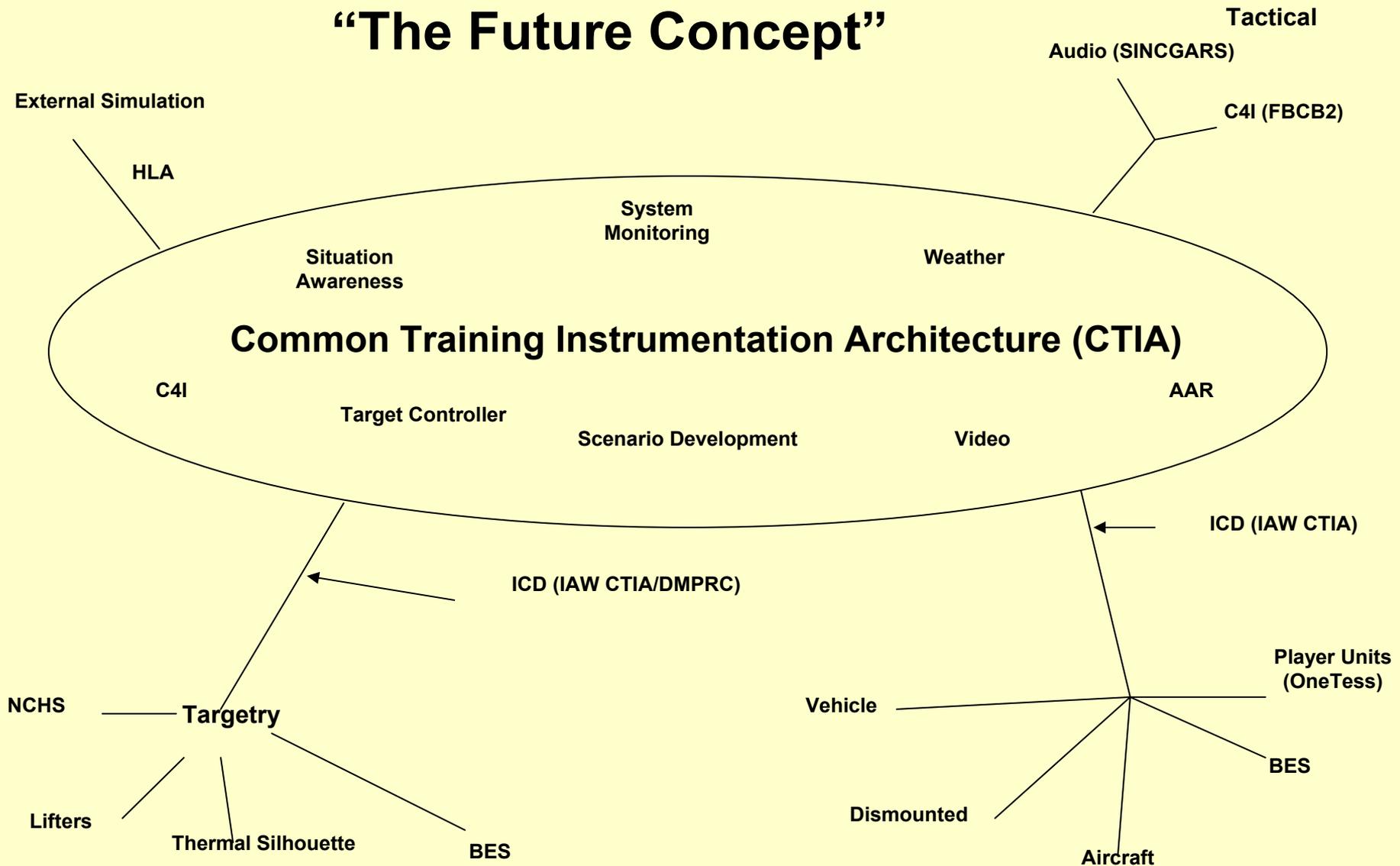
RF Link Tower 

Functional Instrumented Ranges



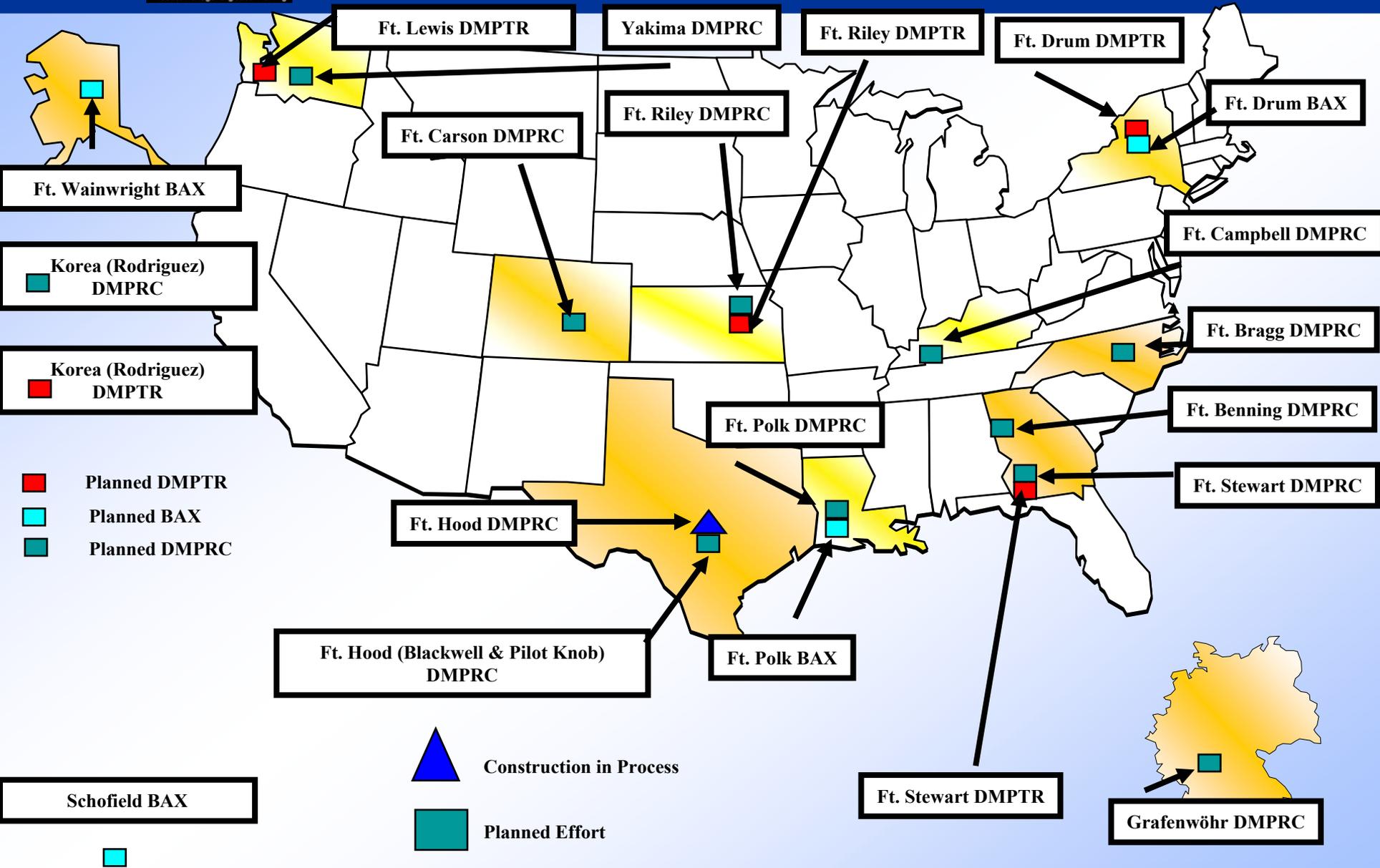
Instrumented Ranges

“The Future Concept”





Current PEO STRI Instrumented Range Efforts





Instrumented Range Fielding Schedule

	FY05	FY06	FY07	FY08	FY09
DMPRC		Ft Hood	Ft. Carson Ft. Polk Ft. Stewart Grafenwohr Korea	Ft. Bragg Ft. Hood	Ft. Drum Ft. Lewis (Y) Ft. Riley
DMPTR	USARAK (FRA)		Ft. Riley Korea	Ft. Lewis Ft. Stewart	Ft. Drum
BAX		Schofield Barracks		USARHAW (PTA)	



Instrumented Ranges Strategy Business Opportunities

- **Instrumented Ranges (DMPRC Ft. Hood is the first) is under Contract until FY-05.**
 - **Was competed under MOUT-RT/IDIQ.**
 - **Anteon, Inc. is Prime Contractor**
 - **Threshold Solution will be baselined with the fielding of DMPRC at Ft. Hood.**
- **Instrumented Ranges will be competed as early as FY-05, pending establishment of successful system baseline.**



Questions?



INSTRUMENTED RANGES

