Agile Government Developed Software for a Globally Responsive Army Reserve

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Definitions

• **Relational Database**: a database structured to recognize relations among stored items of information. *Industry Example* is *Travelocity*

• **Authoritative Source Data**: A system of record (SOR) or Source System of Record (SSoR) is Data Management term for an information storage system (commonly implemented on a computer system) that is the **authoritative data source** for a given data element or piece of information. *Army example is the Army Organization Server (AOS)*

• **Cross Domain**: A cross-domain solution (CDS) is a means of information assurance that provides the ability to manually or automatically access or transfer information between two or more differing security domains. *Army example is the High-Assurance Guard*

• **Middleware**: a general term for software that serves to "glue together" separate, often complex and already existing data from various locations.
The Wicked Problem?

Historically, the Army has lacked a “one source of the truth” solution to track business process activities across Reserve Component (RC) training, readiness, and mobilization. Instead, there is an array of disjointed databases that generate labor-intensive manual reports. This “systems of disparate systems” approach is extremely inefficient. It demands thousands of man-hours annually to correlate and report information from multiple sources. In deployment and training, we must forecast, select, and track units, equipment, and individual Soldiers better.

What Levers, Switches, & Pulleys do you have to gain the information?
Where are the Mission Resources You Need?

Army Reserve Military Police Units, Notional data
Check The Mission Status
Scheduling Your Exercises 5 Years Out

Notional data depicts Fiscal Year 2017 National Training Center Rotations
Then View The Scheduled Training Exercises

Visual for each rotation, depicting all participating units, performs mission specific analysis
Finding Talent
Personnel Qualified and Ready
Overall Benefits

- Efficiency
- Cost Savings
- Reduced Man Hours
- Shared Awareness