

# eSourcing and MBE

## Prepared for MBE Supplier Summit

### Letterkenny Army Depot

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11/4/2010



# Overview



- What is eSourcing and how does it fit into MBE?
- Past experience at ARDEC
- Next Steps
- Conclusions



# eSourcing: A Definition



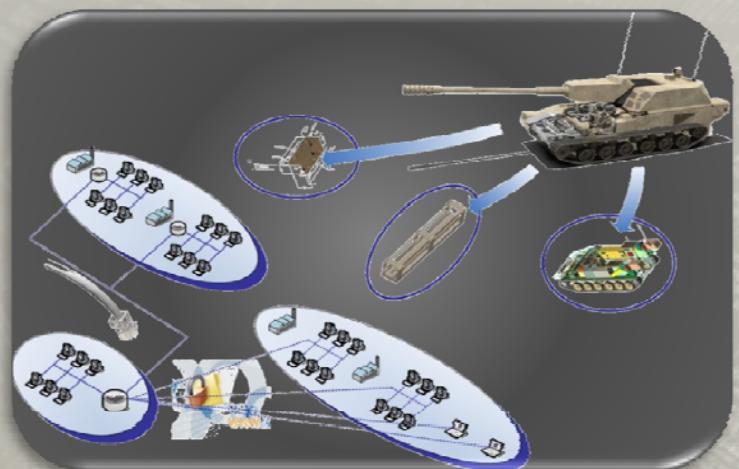
A class of computer applications that automates, streamlines and documents the process of selecting a supplier and then obtaining a given product.



# The Model Based Enterprise (MBE) Connection



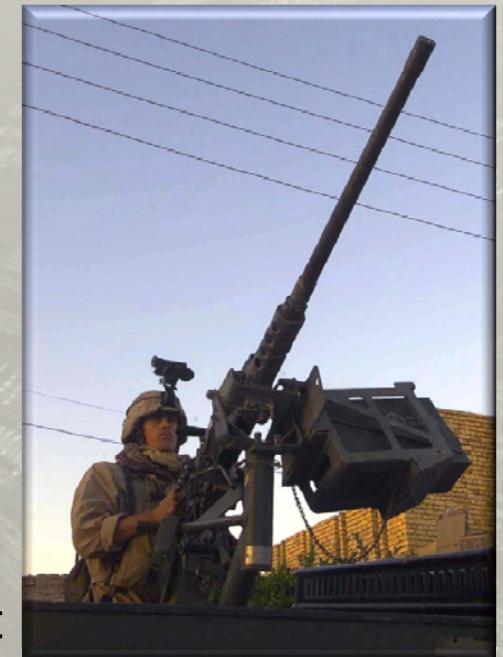
- eRFIs, eRFQs and POs can reuse and distribute the master model information to the supply chain
- Overall, eSourcing maximizes the reuse of the master model to minimize down stream re-mastering which is the core of MBE



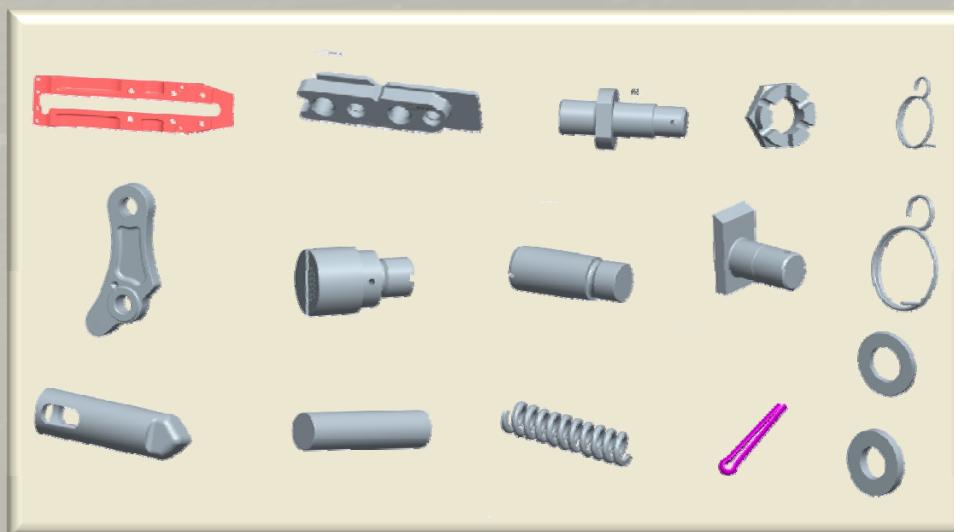
# ARDEC & DLA Pilots



- In 2008 & 2009 the Prototype Process and Material Technology Division at Picatinny Arsenal teamed with the Defense Supply Center Columbus Ohio to pilot the use of a 3D TDP to procure hard to source parts
  - This was based on a re-mastered 3D Model and an updated CAD drawing from a 1930 vintage hand drawing
  - In many cases a generic process definition was created and then distributed with the TDP
- The TDP was also distributed through an eSourcing web portal
  - This tool also aided in source selection and tracked the progress of the parts procurement



# M2 Machine Gun DSCC Parts



**M2 Slide Assembly,  
Retracting**



**M2 Latch Bolt**