

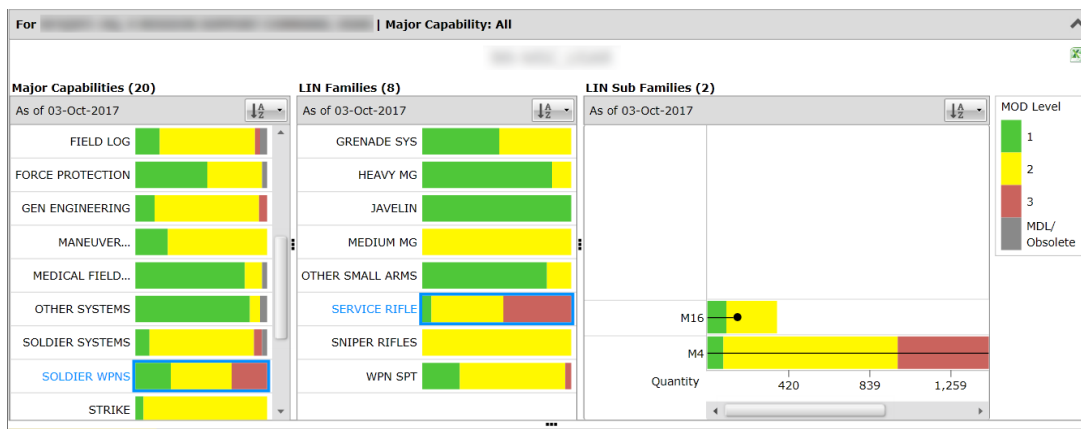
# Army Materiel Management with LMI-DST Auto Sourcing and Custom Reports

Army Materiel Control (AMC)  
 Success Story  
 Supply Chain & Logistics  
 LMI-DST



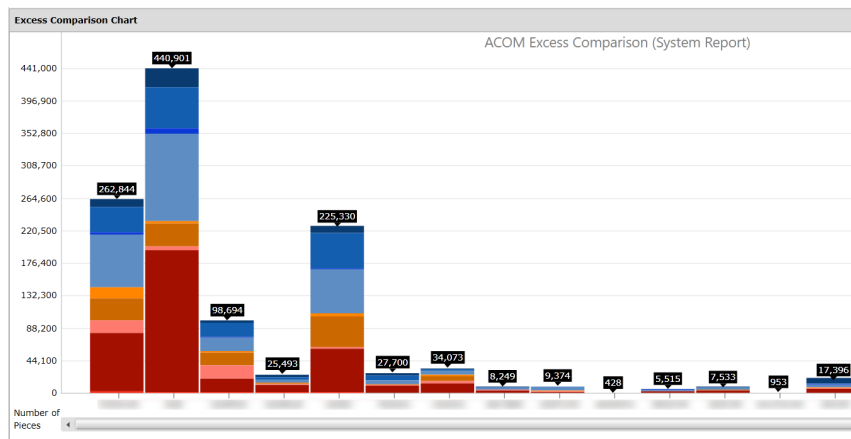
## CHALLENGES

LMI-DST was designed primarily as a logistics planning tool under the direction of AMC (Army Materiel Command) taking the lead as the lead materiel integrator for the Army. A critical aspect of this effort is having the ability to simulate the ever-changing demand landscape and be able to report on the results. Today, LMI-DST's Auto-Sourcing/COA capability allows users to model changes to demand while taking into account modernization of equipment, providing the best possible sourcing solutions for the future.



Modernization Level of Equipment for Selected Unit(s)

Using this capability, HQDA G4 led an effort to create an Army-Wide Auto Sourcing COA run. Auto Sourcing is the capability within the LMI-DST application that allows optimization across suppliers of equipment, the material, and the receivers of the equipment. The goal of this effort was to identify Army excess equipment, in order to maximize readiness through redistribution, and to eliminate excess equipment throughout the field.



Excess Comparison Chart

The All Army COA Run is executed weekly. The results are available for all LMI-DST users so they can review the resulting CSDs for use to solve unit Equipment On Hand (EOH) optimization and create reports.

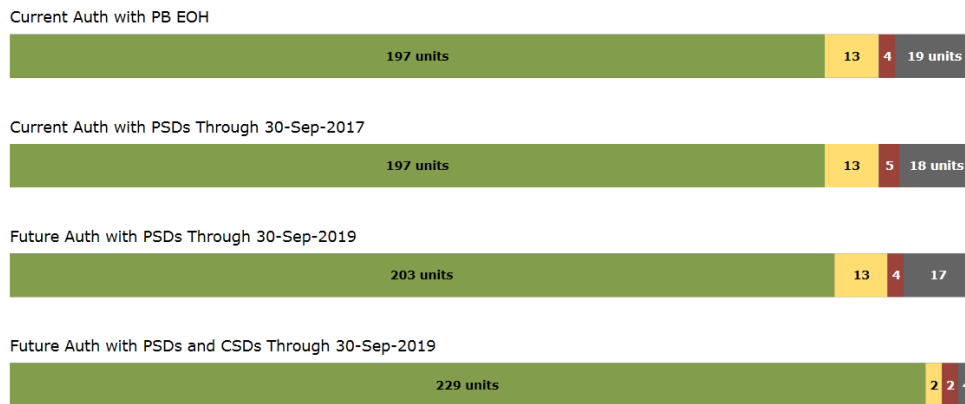
## How it Works

To model this redistribution of materiel, LMI-DST applies user-defined Filter Sets (Unit Sets, Supply Sets, LIN Set, and NIIN Sets), user-defined strategies, as well as a user-defined LIN Plan/Mod path, which overrides standard Army policy for applying substitute LINs to fill authorizations. The All Army COA run begins by identifying those items that are on the Master Divestiture List (MDL) with a Complete Divestiture status. Once these items are virtually removed from units; the COA conducts multiple sequences to optimize equipment towards authorizations across the entire Army. After each ACOM/ASCC/DRU is optimized, the COA run will direct excess material across ACOM/ASCC/DRUs to fill any remaining shortages.

The first Auto Sourcing sequence in the All Army Run begins by virtually turning-in items of equipment that are on the MDL's Complete Divestiture list. Following this, a series of sequences optimizes each unit in the Army. Once the Army has been optimized, there is a sequence that issues equipment available from Depot Stock and Production. The last sequence identifies equipment that is excess to Army requirements.

### Summary View

Results As Of: 30-Sep-2017 | Through 30-Sep-2019 | For: [Redacted]



## Projected Unit Readiness Chart