How Does GVSC Support Sustainment?

GVSC serves as the Engineering Support Activity (ESA) to DLA and Team Detroit Arsenal for ground systems in sustainment. Tasks include:

• Manage the technical data required to support the vehicle fleets and systems
• Provide technical support for the procurement of spare parts
• Support Depot and Arsenal production programs
• Engineering support to resolve field and safety issues
• Management and resolution of obsolescence issues
• Maintain Systems Configuration In Our Product Data Management (PDM) System
• Collaborate With OEMs And Other Stakeholders On Tech Data Management
• Manage & Coordinate Engineering Change Management Workflow
• Drawing Conversion And Updates
• CCDC GVSC Windchill PDM Stores:
  – 2,431,966 Army Parts
  – 4,188,933 Drawings/Documents
  – 896,534 CAD Models
  – 162,738 Engineering Change Records
Sustainment Engineering Tasks
Spare Part Procurement Technical Support

- Manage The Tech-loop Process Workflow That Logs, Tracks And Assigns Tasks For The Development Of Data Required For Spare Part Procurement.
- Deliver Complete Technical Data Packages To DLA & ILSC For Procurement Of Spare Parts.
- Over 6000 Validated TDPs Provided In FY2019.

Workflow starts when Technical Procurement Package (TPP) is created or enters the “In GVSC” State in PDMLink Buyer notified via email from PRON Control.
Sustainment Engineering Tasks
Depot/Arsenal Support

- Depot Reclamation Procedures
  - Technical Support For Development Of Procedure
  - Development Of Test Criteria
- Reverse Engineering
- Technical Support For DMWRs, NMWRs, & SOWs
- Request For Variance Approval/Review
- Root Cause Analysis
Sustainment Engineering Tasks
Field and Safety Issue Resolution

• Review And Resolution Of Safety Issues (Including Development Of Safety of Use Messages)
• Investigating Technical Inquiries From The Field
• PQDR Investigations And Resolution
• Post Production Software Support
DOD SD-22 DMSMS Guidebook: Utilize predictive methods to prepare an obsolescence plan, identify obsolescence issues, assess cost, schedule & readiness impacts, analyze mitigation strategies & implement the optimum solution.

**Purpose:**
Provide total program proactive obsolescence management.

**Products / Tools / Resources:**

**Payoff:**
- Improved Readiness
- Cost Savings & Cost Avoidance
- Informs POM Planning

There is no “one size fits all” solution for Obsolescence Management

The challenge, especially for platforms in late stages of the life cycle, is funding, which drives the question: “How do we operationalize the benefits of Predictive Obsolescence Management?”

Obsolescence Technical Authority at the intersection of Logistics, Engineering & Industrial Base.
ONE-ON-ONES

Sign-up for one-on-one meetings with *Sustainment Engineering* by filling out the request form on the main page and submitting