

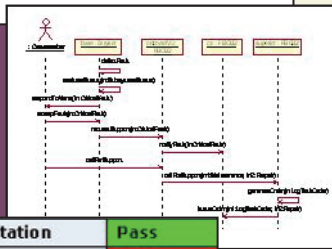
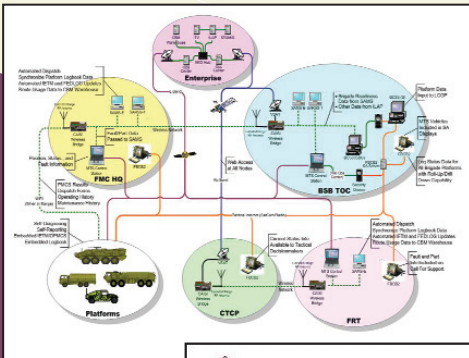
# Design for Sustainability

SUSTAINABILITY

Proven capabilities for the development of systems that improve **maintenance** and **logistics** operations.

We develop network architectures and system designs that are enablers for Condition-Based Maintenance (CBM), Performance Based Logistics (PBL), and other Sustainment Transformation initiatives. Our model-based systems engineering techniques, which have been effectively applied to vehicle and weapon systems, enable us to produce designs that meet the necessary performance, reliability, availability, and maintainability requirements.

- Requirements and Architecture Definition
- Fault Analysis
- Diagnostics and Prognostics
- Logistics Systems
- Built-In Test (BIT)
- Sustainment Databases
- User Interface Design
- Technology Enablers for Performance Based Logistics (PBL)
- Physics of Failure (PoF) Analysis
- Model Based Reasoners
- Data Collection and Analysis



Commander's Crewstation	Pass
Driver's Crewstation	Fail
Mobility	Degraded
Power Generation System	Pass
Sensor System	Pass
Environmental Controls	Pass
Communications	Pass
Battle Command	Pass



## MIMOSA and CLOE Compliant Designs

The Machinery Information Management Open Systems Alliance (MIMOSA) is defining standards for describing, collecting, and sharing sustainment information throughout the enterprise in a net-centric environment. Utilizing this standard empowers applications and individuals across the enterprise to collaborate to maintain operational availability of equipment. The MIMOSA standards are applicable to many domains. Control Point is defining the domain configuration required to meet the Army's Common Logistics Operating Environment (CLOE) vision. Additionally, CPC has developed a process of synergy encompassing architecture, analysis, design, and implementation that results in MIMOSA and CLOE enabled products.

