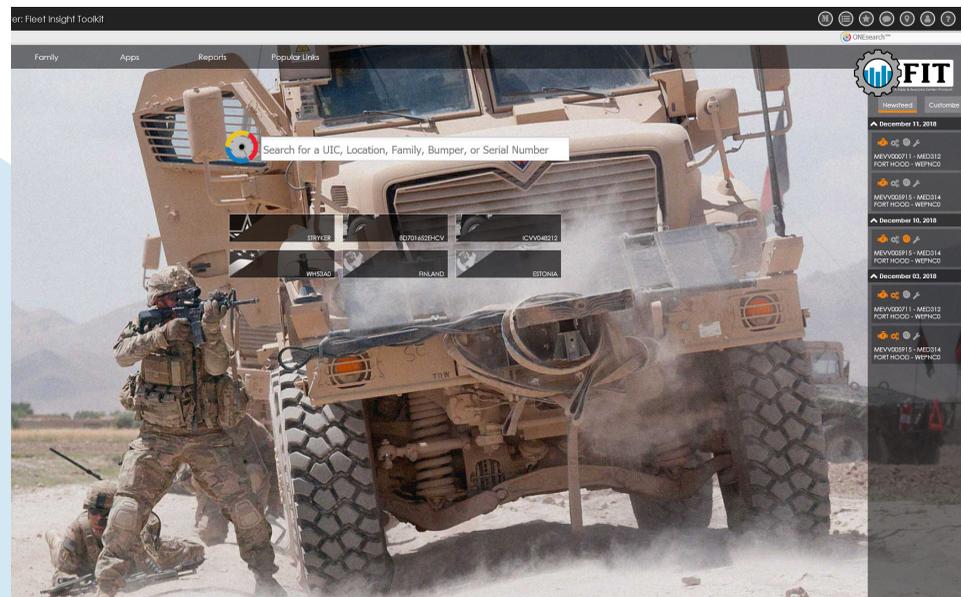


CBM+ solutions

Increasing readiness through business intelligence



Key benefits

- Fleet and supply chain management
- Low total cost of ownership
- Rapid development and delivery of custom features
- Proven secure platform with risk management framework (RMF) / FedRAMP
- Certified information assurance management team
- Mobile device-ready
- Ad-hoc query capabilities
- Interactive visualization tools

Navigating condition-based maintenance (CBM) data and deriving business intelligence

Today's Army is saturated with data produced by equipment, processes and tools and needs partners who understand how data and intelligence impact readiness. In most cases, data sources and supporting business intelligence are stove-piped and do not allow for efficient means of extracting meaningful information for decision makers at multiple levels—strategic, operational and tactical.

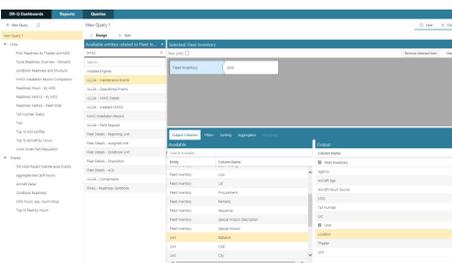
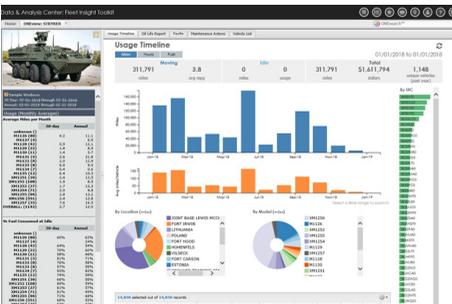
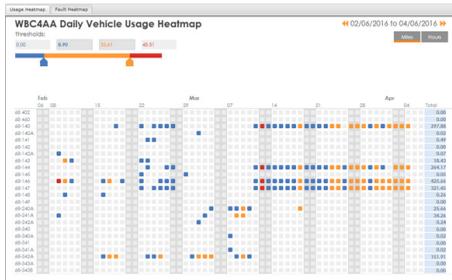
Extracting data from disparate sources, analyzing data for trends against performance metrics, and deriving innovative and efficient means to operate is the basis of CBM. Perspecta's CBM+ solutions focus on training and equipping the force with the best technology and tools to improve supply chain throughput as well as maintenance and logistics procedures.

Enhanced analytics

Perspecta understands the need to continually improve analytic techniques as the technology evolves and the volume of collected data increases. Together with our innovation applied research hub, Perspecta Labs, we continue to expand our capabilities with advanced research in machine learning techniques, network management, quantum technologies and cybersecurity.

Understanding and visualizing the data

Unique to Perspecta, is our expertise in innovative technology solutions, statistical analysis tools and modeling techniques, and deep domain knowledge of Army data. Our experience working with the Army provides us with a well-rounded understanding of critical drivers and key indicators within the data. Perspecta provides hardware and software engineering support to U.S. Army customers touching the majority of the Army ground and aviation fleets.



Perspecta’s CBM+ tools

For more than a decade, Perspecta’s Program Control System II (PCSII) has provided advanced data fusion, analytics and visualization to the Army. From fleet management applications to program management dashboards, our PCSII platform integrates and validates data from disparate sources and delivers actionable intelligence and insightful analysis through an intuitive customizable interface. Perspecta has leveraged the PCSII platform to develop a set of analysis and visualization tools in use today across the Army.

Fleet insight toolkit (FIT)

In use by the Data and Analysis Center (formerly, AMSAA), FIT provides an interactive analysis tool with roll-up and deep-dive capabilities of the Army’s collected ground fleet data. FIT sources data from Global Combat Support System – Army (GCSS-Army) for maintenance and supply as well as vehicle diagnostics and sensory data. FIT also provides visibility into ground fleet readiness status, fault analysis, top 10 parts drivers for cost, usage and man hours and an interactive customizable news feed for motor pool activity. Fleet heat maps provide maintainers and analysts real-time status of motor pool health combining fault and usage data.

Fleet management analysis system (FMAS)

FMAS ingests data from existing Army and Department of Defense (DoD) enterprise systems and gives insight into aircraft maintenance data, CBM sensor data, parts usage and forecasting, remaining useful life (RUL) status, supply stock levels and real-time readiness levels across the aviation fleet.

Aviation reset

Perspecta’s aviation reset tool has an embedded module that helps the customer determine parts stock levels based on projected operational tempo (OPTEMPO). By analyzing historical preset and reset parts usage, it provides recommendations to reduce excess stock levels and parts-planning activities.

More about PCSII

Perspecta’s CBM+ tools are built on our PCSII platform, specifically tailored to the Army’s needs. Our secure, modular platform can be deployed on site, in the cloud or hosted off site based on customer needs. Our library of modules allows us to rapidly and cost-effectively customize a solution to your needs or provide a jump-start to meeting your unique requirements. Your custom configured solution can be rapidly deployed to meet Army enterprise needs better than more expensive one-size-fits-all, off the shelf products.

As a single source of knowledge and data system, PCSII improves situational awareness by reaching into external source data systems and providing correlation and context to data from (otherwise) unconnected systems. In addition to data freshness and availability, PCSII provides automated data-conflict resolution tools that improve the quality of your CBM data. For example, when two authoritative sources disagree about the status of an aircraft, PCSII provides the tools to identify the difference between “fact” and “verified fact.”