

David W. Starr is a Project Engineering Senior Manager in the Product Support Organization for Lockheed Martin Missiles and Fire Control (LMMFC) in Orlando, Florida.

David joined LMMFC in 1985 and has managed program requirements for logistics operations for Apache helicopter fire control sensors, Comanche helicopter sensors, and the Javelin Missile program. He is currently responsible for Integrated Logistic Support activities for the sustainment of the Apache Fire Control sensors for both domestic and international customers.

David is also a Master Army Aviator retired Colonel from the United States Army Aviation Branch. He served nine years on active duty and spent the next twenty years serving in the Florida Army National Guard retiring from the military in 2004.

David holds a Bachelor of Science Degree from the University of Florida, as well as a Graduate of the US Army War College with a Masters of Strategic Studies.

David's dual career of serving in the military while still working at LMMFC provides a unique perspective for developing and implementing warfighter sustainment solutions which provide affordability, agility, and innovation for supply chain management of hardware, and related services, to meet mission requirements.

David has made significant contributions in developing a total integrated logistics support model for the LMMFC Product Support organization that is adaptable for most large programs responsible for providing the life cycle support of the weapon system. The basic strategy is to contract with multiple domestic or international customers with common weapon systems, such that they can be integrated into a synergistic contractor managed supply chain logistics infrastructure (footprint) that reduces O&S cost, while providing optimal supply availability to meet mission requirements. This is accomplished through direct control of the facilities, personnel, test equipment, material, repairs and procedures through sole source contracting, taking advantage of commonality that facilitates synergizing the supply chain infrastructure for multiple customers with a focus on supply availability as the primary metric for meeting operational readiness requirements.

A primary example of this sustainment model is supporting the Apache Fire Control sensors on the AH-64E/D U.S. Army and International programs. Lockheed Martin contracts for Life Cycle Support with the U.S. Army and fifteen (15) International customers for sustainment of over 1400 M-TADS sensors and through a Joint Venture with Northrop Grumman the life cycle support for 400 Fire Control radars (FCRs) for the US Army and eleven (11) International customers.

All of these Apache Fire Control sensors integrated into a common supply chain infrastructure that has resulted in significant O&S cost savings and increasing supply availability through performance based contracting. Performance based contracting facilitates the use of contractor supply support activities that can take advantage of direct commercial shipment for both domestic and international customers which reduce turn-around- times in getting hardware to the repair centers and spares parts in the hands of the customer.

The strategy of optimizing the supply chain to meet mission requirements requires contract flexibility to control the movement and tracking of hardware, expedite the right repairs to meet demands, control of



depot tooling and test equipment, and asset visibility within information technology networks between government and industry partnerships is the model for total life cycle support.

David has played a major role in developing performance work statements, structuring request for proposals, and obtaining long-term Performance Based Life Cycle Contracting Support contracts that allows synergy of a common supply chain that shares resources to achieve agility, flexibility, and affordability for multiple domestic and international customers with a common goal of supply availability to meet mission requirements.

In summary, David's proven strategy for establishing a highly effective and responsive supply chain for LMMFC products, and then continually striving to improve it for efficiency, affordability, and agility was both warfighter focused, and in keeping with the direction and vision Dr. Newman wanted for continued supply chain innovation with the establishment of committee