



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR ALL DEPARTMENT OF THE AIR FORCE PROGRAM
EXECUTIVE OFFICERS

FROM: SAF/AQ
1060 Air Force Pentagon
Washington, DC 20330-1060

SUBJECT: Product Lifecycle Management Enterprise Systems

Threat uncertainty imposed by peer competitors like China—driven by accelerating commercial technologies and, more generally, democratization of innovation on a global scale—creates unquestioned imperative for acquisition *speed* and *agility*. New digital design technologies and processes are how we achieve them, but they require consistent application across the Department of the Air Force.

Leveraging an enterprise-wide system to produce a digital thread throughout the product lifecycle will change the way we field capability. The DAF has decided to use Siemens' Teamcenter® as its Product Lifecycle Management (PLM) data management platform. This platform has been deployed as a foundational system of record to integrate and interoperate with the other HAF/A4 post-Expeditionary Combat Support System (ECSS) capabilities. Several programs are making great strides adopting digital engineering approaches, including robust PLM instantiations, to deliver rapid results to the warfighter—from legacy systems like the A-10 Thunderbolt II to cutting edge new programs like Next-Generation Air Dominance. Still more programs (e.g., F-15 EX, Minuteman III, Combat Rescue Helicopter) have begun pursuing Teamcenter implementations.

All programs shall consider Teamcenter the PLM system of choice unless otherwise waived. Alternative PLM systems may be considered by a DAF Program Management Office (PMO), but they must be able to seamlessly integrate with the Teamcenter PLM system and the PMO must obtain a waiver from SAF/AQR prior to contract award. Those with waivers must also work with the DAF-PLM Capability Support Office (AF-PLM-CSO@us.af.mil) to develop a transition plan. Unlocking the power of our data in consistent digital models is foundational to digital acquisition.



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William B. Roper, Jr.
Assistant Secretary of the Air Force
(Acquisition, Technology, & Logistics)