

UNLOCK THE POWER OF WOSA



EMPOWERING THE DEFENSE INDUSTRY TO DESIGN, VERIFY, AND INTEGRATE WOSA-COMPLIANT SYSTEMS

The Weapons Open System Architecture (WOSA) initiative is transforming how the industry develops, modernizes, and integrates next generation modular weapon systems. Tangram Flex empowers government and industry teams to rapidly adopt WOSA standards by connecting models, code, and verification into a unified digital engineering workflow. Our software integration environment, Tangram Pro®, simplifies compliance, reduces integration timelines, and ensures traceable, verifiable, and interoperable software for All Up Round manufacturers.



Model-Based Systems Engineering for Weapons

Tangram Pro connects WOSA-aligned models to code and system tools, ensuring architectural precision from concept to implementation.



Ensure Compliance with the Weapons GRA

Integrated GRA models in Tangram Pro maintain full traceability between design, architecture, and implementation for verified compliance.



Develop WOSA-Compliant Software

Tangram Pro and Flex language automatically generate WOSA-compliant code and interface libraries directly from GRA specifications.



Verify Software Interfaces Before Testing

Tangram Pro validates WOSA interface behavior early in development, generating automated test messages and results before MOATEL.



Integrate Using Standard Interfaces

Integrate architectures like WOSA and UAI using Flex-based open standards for rapid, precise interoperability.



Maintain Data Rights and Flexibility

The non-proprietary Flex language captures interfaces to form, fit, and function equivalence, giving the government long-term replacement flexibility.



TANGRAMFLEX 

WOSA JUMPSTART KIT

Get started, accelerate the implementation of WOSA and prepare for MOATEL testing with a bundled offering consisting of the following:

Tangram Pro Subscription

Includes WOSA features and project design and verification examples

Tangram WOSA Interface Library

Model-generated, ready-to-go WOSA software interface code
(Includes updates as available)

SME Support Services

WOSA software engineering expertise and knowledge transfer
(Includes paired programming as desired)

Also included:

Tangram Pro training

On-site Project Kick-off and Technical Support

Final Delivery and Knowledge Transfer