



NEWS RELEASE

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Curtiss-Wright Well Positioned to Support US Army's NGCV Program with Modular Electric Turret Drive & Stabilization Solution

COTS-based electro-mechanical Turret Drive Servo System can lower cost, speed deployment of medium caliber turrets like the NGCV Program's Optionally Manned Fighting Vehicle (OMFV)/Bradley Replacement

AUSA 2018, Washington, D.C. (Booth #1607) – October 8, 2018 -- Curtiss-Wright's Defense Solutions division today announced that its Drive Technology business unit, located in Neuhausen am Rheinfall, Switzerland, has developed cost-effective COTS-based electro-mechanical [Turret Drive Servo System \(TDSS\)](#) solutions that deliver unprecedented flexibility for a new class of medium caliber gun-based ground combat vehicle platforms. The proven, modular and upgradeable TDSS is ideal for use on new ground vehicles, such as the US Army Future Command (AFC)'s planned replacement for the Bradley, the Optionally Manned Fighting Vehicle (OMFV), part of its Next Generation Combat Vehicle (NGCV) program. Well positioned to support AFC's goal of demonstrating the OMFV in six months and deploying the OMFV in four to five years, the TDSS offers an ideal combination of modular cost-saving COTS design and industry-leading target location accuracy and turret stabilization. Our unique modular design enables a system integrator in a development program to rapidly demonstrate a vehicle with a one caliber and easily integrate a different caliber cannon using the same proven components.

"Our Drive Technology business is ideally positioned to meet emerging demands for rapidly demonstrable cost-effective, highly accurate turret stabilization technology," said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. "Thanks to our internal engineering, operations and manufacturing prowess we are constantly improving the SWaP performance of our electric gun turret drives and stabilization systems, with new motors, and support for high voltage requirements, up to 600V, as we strive to set the industry standard for cost-effective, scalable turret drive servo systems."

Because it uses standard system configurations, the TDSS approach speeds system development and enables programs to reach demonstration and production phases far more rapidly. Curtiss-Wright's rugged, high reliability modular electromechanical stabilization/aiming solutions include motion control systems (gun turrets, ammunition handling, missile handling) and related electromechanical components. The use of these preconfigured TDSS system components also reduces the time and costs associated with the requirements definition process.

Unmatched Flexibility and Modularity

Curtiss-Wright's scalable electro-mechanical turret drive stabilization system solutions enable customers to select the appropriate level of turret stabilization while providing an upgrade path that enables performance, precision, and features to be scaled as missions and budgets evolve. This approach uniquely enables customers to upgrade their ground vehicles with new or heavier weapons without needing to replace the entire turret drive system.

For more information about Curtiss-Wright's Defense Solutions division, please visit www.curtisswrightds.com.

About Curtiss-Wright Corporation

Curtiss-Wright Corporation is a global innovative company that delivers highly engineered, critical function products and services to the commercial, industrial, defense and energy markets. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing reliable solutions through trusted customer relationships. The company employs approximately 8,600 people worldwide. For more information, visit www.curtisswright.com.

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