



## David W. Plummer

*Director, Integrated Military Systems*

David Plummer is the Director of the Integrated Military Systems Program at Sandia National Laboratories. In this assignment, David oversees the work of 300 engineers and technologists devoted to developing and demonstrating superior, cutting-edge non-nuclear weapon systems and technologies that give our warfighters a competitive advantage and empower the United States to defend ourselves and our allies at home and abroad. These responsibilities encompass stakeholder and customer relationships with the Missile Defense Agency, Navy Strategic Systems Programs, Army Space and Missile Defense Command, the Office of the Secretary of Defense/Acquisition, Testing, and Logistics, and other government entities.

David started with Sandia in 1985 as a designer of nuclear weapon safety devices. He entered management in 1996. As a Manager and Senior Manager, David led teams in the creation of the Microsystems and Engineering Sciences Applications (MESA) complex at Sandia, the development of the Arming and Fuzing Subsystem for the W76-1/Mk4A nuclear warhead, and the development of the electronics, mechanics, and optomechanics for the Advanced Flight Telescope.

David became the director of the Manufacturing Science and Technology center in 2006. In 2010, David returned to his roots to lead the Engineering Design and Integration center where he oversaw the development and production for nuclear weapon firing systems, safety devices, cryptographic processors, and numerous other technologies. In that role, David was the chair of the Joint Working Group for Non-Nuclear Technologies between the United States and the United Kingdom and the chair of the Nuclear Weapon Product Realization Assurance Committee (PRAC).

David earned his bachelor's degree and master's degree in Mechanical Engineering from Oklahoma State University. He was an early adopter of microfabrication technology and holds four patents in the field.

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Sandia National Laboratories  
(505) 845-9564  
dwplumm@sandia.gov

P.O. Box 5800, MS-1164  
Albuquerque, NM 87185-1164