



Biography

Department of the Army



David R. Castellano

**Executive Director
Weapons and Software Engineering Center
U.S. Army Armament Research, Development and
Engineering Center
Picatinny Arsenal, New Jersey**



Mr. David R. Castellano is the Executive Director, Weapons and Software Engineering Center (WSEC) with the U.S. Army Armament Research, Development and Engineering Center (ARDEC) at Picatinny Arsenal, NJ. Since February 2008, Mr. Castellano has been responsible for leading a large research, development and engineering center with a competency team of over 1100/300 government/contractor employees whose demographics include Picatinny Arsenal, NJ, Benet Labs (Watervliet Arsenal, NY) and Aberdeen Proving Ground, MD. With more than 34 years of experience in technical leadership, engineering excellence, and project/organizational management, Mr. Castellano directs his core efforts toward systems integration and rapid development/fielding of systems in direct support to the warfighter, as well as fielding advanced and future weapon systems to the Army, Navy and Marines. His organizational credentials include three Department of Defense (DoD) Top 5 Program awards, several Army's Greatest Inventions, International Organization of Standardization (ISO) 9001 certification, and Capability Maturity Model Integration (CMMI) for Development, Version 1.2, Level 5 (currently the only U.S. Government agency).

Mr. Castellano was appointed to the rank of Senior Executive Service (SES) in December 2003, serving the Office of the Secretary of Defense as Deputy Director/Director, Systems Engineering, acting as principal acquisition technical advisor to the Under Secretary of Defense for Acquisition, Technology and Logistics (USD(AT&L)), Assistant Secretary of Defense for Networks and Information Integration (ASD(NII)), Under Secretary of Defense for Intelligence (USD(I)), and other senior acquisition officials on matters relating to strategic and tactical mission success. In this capacity, he reported to the Defense Acquisition Board (DAB) for Major Defense Acquisition Programs and was a voting member on the Information Technology Acquisition Board (ITAB) for Major Automated Information Systems. He was responsible for the technical oversight of over 200 of the largest Department of Defense programs, representing more than \$450B in acquisition investments across the Future Years Defense Program. These programs spanned the full spectrum of offensive munitions and weapon systems, fixed/rotary aircraft, surface/undersea naval vessels, land/ground systems, network command/control systems, satellite and space systems, and information technology. Efforts pertaining to the Acquisition Category I Major Defense Acquisition Programs, Major Automated Information Systems, and special interest programs focused on providing assessments of acquisition planning, execution, and risk through a variety of program support "touch points" which encouraged greater program transparency and strong systems engineering practices. Mr. Castellano was also responsible for analysis of broad systemic issues across the Department, helping to shape policy, guidance, and strategic planning by integrating knowledge derived from a full spectrum of program findings.

CAREER CHRONOLOGY:

- January 2000 – December 2003 - Director, Fire Control and Software Engineering, U.S. Army ARDEC, Picatinny Arsenal, NJ
- January 1999 – January 2000 - Director/Deputy Director, Quality Engineering, U.S. Army ARDEC, Picatinny Arsenal, NJ
- November 1982 – January 1999 – Various Technical and Management positions within the Quality Engineering Directorate, including Director, Technology Division
- June 1980 – November 1982 - Process Engineer, Exxon Research and Engineering
- July 1979 – June 1980 – Chemical Engineer, Edgewood Chemical and Biological Command

COLLEGE:

- Master of Science in Computer and Information Science, New Jersey Institute of Technology Newark, NJ - 1986
- Bachelor of Science in Chemical Engineering, New Jersey Institute of Technology Newark, NJ - 1979

SIGNIFICANT TRAINING:

- Army Senior Leader Communication Workshop (2011)
- U.S. Army Management Engineering College (1995)
- Software Engineering Institute Capability Maturity Modeling Integration (CMMI) Based Appraisal Evaluation Team Training (1994)

CERTIFICATIONS:

- Army Acquisition Level III for Systems Planning, Research, Development and Engineering (SPRDE)
- Army Acquisition Level III Quality Assurance
- Lean Six Sigma Black Belt

AWARDS AND HONORS:

- Presidential Rank Award Meritorious Executive (2010)
- DoD/USD(AT&L) Group Achievement Award – Major Defense Acquisition Program Restructure, Expeditionary Fighting Vehicle (2007)
- Defense Medal for Exceptional Civilian Service (2007)
- DoD/USD(AT&L) Defense Certificate of Recognition for Acquisition Innovation (2006)
- NATO Certificate of Recognition for Outstanding Service – Chairman AC/250, SubGroup A (2002)
- St. Barbara's Medal – Silver Medal and Initiation into the Honorable Order of Saint Barbara, U.S. Field Artillery Association (2001)
- Letter of Appreciation, Congress of the U.S., Honorable R.P. Frelinghuysen (2001)
- Department of Army Meritorious Civilian Service Medal (1999)
- Certificate of Commendation for Outstanding Performance and Dedicated Support to the Director, Test, Systems Engineering and Evaluation, OUSD(AT&L) (1999)
- Department of the Army Civilian Achievement Medal (1993)
- Award of Merit, Federal Laboratory Consortium (1990)

MAJOR PUBLICATIONS:

- Co-author and Government Chairman, "DoD Systemic Analysis", December 2007
- Contributing Author, Army Regulation 700-142, DOD-STD-2167A, DOD-STD-2168, NATO AQAP-150/159, NATO AQAP-160/169, DoD Directive 5000.2, from 1985 to 2007
- Author, "2003 U.S. Government's Top 5 Quality Software Projects", Letter from the Publisher, CrossTalk Magazine, July 2004
- Co-author, "Collaborative Testing and Evaluation", MG Beauchamp, Guttwein, Castellano, Army RD&A Magazine, May-June 1998