

Dr. Tim Cooley is President of DynamX Consulting, a small independent veteran owned business located in Larkspur, CO. Dr. Cooley was born in 1960 in Putnam, CT and attended Woodstock Academy graduating in 1978. Upon graduation he was awarded a Reserve Officer Training Corps (ROTC) scholarship and attended UNION College in Schenectady, NY performing his ROTC duties at Detachment 550 at Rensselaer Polytechnic Institute in Troy, NY. He earned his Bachelor of Science degree in 1982, double majoring in Applied Mathematics and Computer Science, graduating Magna cum Laude with honors and was a distinguished graduate from ROTC. After graduation, Dr. Cooley attended Rutgers University where in 1984 he earned a Master's of Science degree in Computer Science with a Numerical Analysis specialty. Dr. Cooley entered the active Air Force in March of 1984 as a Communications-Computer Officer in Air Force Space Command at the Cheyenne Mountain Air Station. There he was the end user program manager for computer system upgrades to Cheyenne Mountain totaling over \$635 Million. Additionally, he was the Land Mobile Radio Manager for the North American Aerospace Defense Command (NORAD), Commander in Chief ensuring five flag officers had continuous connectivity to the Cheyenne Mountain Command Post and the National Command Authorities for Missile Warning Assessments. In 1987, then Capt Cooley, was assigned to the 1987th Communications Squadron in Lowry AFB as the Director of Operations and took the position of Deputy Commander and Squadron Section Commander in 1988. There he was responsible for over 200 airmen supporting the Lowry Technical Training Center, the Defense Accounting and Finance Center, and Buckley Air National Guard Base and lead the unit to two consecutive "Excellent" inspection ratings. In 1990, Capt Cooley was selected to teach in the Department of Mathematical Sciences at the Air Force Academy (AFA). At AFA he taught and course directed multi-variate Calculus and was selected for an Air Force sponsored PhD program. In 1992, he returned to Rutgers University and graduated with his PhD in Computer Science/BioMedical Engineering in 1996, successfully defending his thesis on an automated computer system to read and classify mammograms. Returning to the AFA in 1996, then Major Cooley served in various capacities, teaching eight different courses, from Introductory Calculus to Mathematical Physics, and mentoring several cadets in research projects. He culminated his career as the Deputy Head for Academics for the Math department. Lt Col Cooley retired in 2004 and was hired back at AFA as the Modeling and Simulation Chair. In 2005 due to budget constraints, Dr. Cooley became a contractor and started DynamX Consulting on 1 Oct 2005. He functioned as the AFA Modeling and Simulation Chair until 2007 and since that time has supported many other agencies and projects to include: counter-terrorism support for Joint Forces Command, developing and teaching the AF Combat Analysis Course, Return on Investment for DoD Modeling and Simulation Investment, training analysis for the United States Marine Corps, and analysis of the return on investment of Medical Modeling and Simulation systems. Dr. Cooley was inducted into Phi Beta Kappa in 1982 and Sigma Xi, the Scientific Research Society in 1982. He was awarded four AF Meritorious Service Medals, the Armed Forces Communications-Electronics Association (AFCEA) Young AFCEAN of the Year in 1990, and the Air Training Command Communications-Computer Professional of the Year. Dr. Cooley co-authored a paper entitled, "*Calculating Return on Investment for US DoD Modeling and Simulation*," which was selected as the 2011 Defense Acquisition University Research Paper of the Year. Dr. Cooley serves on the Board of Directors of Shepherd Project Ministries in Castle Rock, CO and is a founding member of the National Modeling and Simulation Coalition. He is married to the former Jean Klepp of Clifton, NJ and they have two boys, Brett, a student at the College of William and Mary, and Brad.

