

## MARK S. LOEPKER

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Mark S. Loepker is a master practitioner in Information Assurance (IA) and International Partnerships with over 39 years of government experience. He excels at orchestrating dissimilar groups aimed at fostering consensus to solve the toughest cybersecurity challenges. Mr. Loepker held many Executive level leadership positions throughout his career.

While serving at the National Security Agency (NSA), Mr. Loepker led the National Security Agency (NSA), Foreign Engagement, Cryptologic Partner Field Support to meet U.S. national security objectives. He worked closely with Congressional Members and Staff on emerging cybersecurity issues and legislation. Mr. Loepker was the Director, National Information Assurance Partnership (NIAP) established between the National Institute of

Standards and Technology (NIST) and NSA to evaluate Information Technology (IT) product conformance to international standards. He led the partnership program between the public and private sectors to help consumers' select secure commercial off-the-shelf (COTS) IT products and to help manufacturers gain acceptance in the global marketplace. He served as the Common Criteria Recognition Arrangement (CCRA) Executive Subcommittee Chairman leading 27 Nations in product assurance, evaluation, supply chain risk management and managing the CCRA.

Mr. Loepker was the Department of Defense Chief Information Officer (DoD/CIO), Defense-wide Information Assurance Program (DIAP) Director. He ensured the DoD's vital IT resources were secured and protected by unifying and integrating cybersecurity activities to achieve secure Net-Centric Global Information Grid operations. He served as the Committee on National Security Systems (CNSS), Secretariat Manager and was responsible for setting National Security Systems (NSS) national-level Information Assurance policies, directives, and instructions and providing a forum for the discussion of policy issues amongst U.S. Government departments and agencies. Mr. Loepker was NSA's Senior Cybersecurity Representative for the Pacific Theater. He led Pacific Command support in information system security engineering, network vulnerability evaluations, and operational force protection communications support. He was the Technical Director responsible for all foreign affairs technical matters impacting cybersecurity support to NATO and the CNSS. Mr. Loepker initiated and led the genesis of *SECRET and Below Interoperability* (SABI) project for cross domain solutions; the Global Command and Control System Risk Assessment; and the CNSS Certification & Accreditation Working Group publishing the first federal level certification & accreditation process. He served for six years as the NATO Information Security Subcommittee National Co-Chairman and three years as the CNSS Subcommittee Chairman.

Mr. Loepker attended Purdue University receiving his commission through the Air Force Reserve Officer Training Corps in 1977. He began his military career at Whiteman AFB, MO serving as a Minuteman Missile Combat Crew Officer as a 2<sup>nd</sup> Lieutenant. He last served as the Lieutenant Colonel (Lt Col) in charge of Information Assurance/Cybersecurity for the United States European Command, Stuttgart, Germany, responsible for all European theater policy and policy enforcement concerning information warfare and communications and computer security. Lt Col Loepker forward deployed in support of Operation Provide Comfort (Northern Iraq no fly zone) as the Director of Communications. Prior to his United States European Command assignment, Lt Col Loepker led the Strategic Defense Initiative (SDI) MultiLevel Security Systems Development. He managed the development, installation and accreditation of the SDI National Test Bed Network. For the Defense Nuclear Agency, he led the Supreme Headquarters Allied Powers Europe Nuclear Weapons Requirement Study, Allied Command Europe nuclear prelaunch survivability

analytical methods and emerging nuclear detection technology in support of Special Operations Commander Europe. Lt Col Loepker retired from the Air Force and accepted an NSA position on 10 October 1999.

Mr. Loepker is Purdue's NSA Security Education Academic Liaison. Working with Dr. Melissa Dark, Purdue's Professor of Technology in Computer and Information Technology, they pioneered the first-ever NSA sponsored class where graduate students used typical NSA technical challenges for their class work with mentorship from NSA Technical Directors. After five years, the effort now spans 14 Universities and 7 government agencies with over 354 alumni.

Mr. Loepker married Ms. Sandra S. Sandleben in 1978 and they have two children and two grandchildren. In addition to his professional career, he was ordained a Catholic Deacon for the Archdiocese of Baltimore on May 11<sup>th</sup>, 2013. Deacon Loepker is assigned to Our Lady of the Fields in Millersville, MD and as a Hospital Chaplain at the University of Maryland Medical Center.