

Jim Frey

Member, Board of Advisors

*Former Sr. Vice President/Group Executive
Litton Information Systems Group*

Jim Frey served as Senior Vice President, Group Executive for the Litton Information Systems Group until Northrop Grumman's purchase of Litton in April 2001. In this position, he led the \$1.4 billion group of Litton businesses involved in information technology services.

Mr. Frey joined Litton in 1988 as President of Litton Itek Optical Systems Inc. and held that position until 1996 when he was appointed Vice President of Strategic Development for the corporation. Here he was engaged in evaluation of potential mergers, acquisitions, and divestitures, as well as strategic planning. He was appointed President of TASC in 1999, a company specializing in systems engineering and program management for large space, intelligence and information management systems.

Prior to joining Litton, Mr. Frey was employed by General Electric where he held various senior management positions in the Space, and Military and Data Systems Divisions. In his last position there he led the Spacecraft Division, a manufacturer of spacecraft. Previously he held positions as Program General Manager, Defense Communications Satellites and Chief Engineer for Spacecraft Operations. He joined GE out of college in 1960 as a participant in the corporate Engineering and Science Program. He completed both Corporate Advanced Engineering Courses and Executive Development Courses at GE.

Since his retirement from Northrop Grumman TASC in March 2002, Mr. Frey has served on Boards and worked as a management consultant in the public and private sectors. He is Chairman of the Board of Directors for Electronic Sensor Technologies Corporation, and served on the Boards of SSG Precision Optical Corporation, and is a Trustee Board Member of Nortel Federal (an independent subsidiary of Nortel Inc). He is a member of the advisory boards of Rotelle Corporation (a home builder), Idelix Corporation (a Canadian image processing company), Boeing, Appistry Inc, and Northrop Grumman intelligence and IT Groups. He has served as a consultant to Orbital Sciences Corporation, Metron International, ManTech International, and Northrop Grumman. He has served on the Board of Trustees of the National Defense Industrial Association, and on the Board of the National Maritime Heritage Foundation, a non-profit organization.

He is on the senior management Advisory Group for the National Geospatial Intelligence Agency (NGA), and has supported special panels supporting the management of the National Reconnaissance Office (NRO) and the Director of Central Intelligence (DCI). He is a member of the AF Study Group on System Engineering appointed by the National Academies. He is currently on the Boards of Visitors for the Pratt School of Engineering at Duke University and the Boston College Carroll School of Management.

A native of Maryland, Mr. Frey received a Bachelor of Science in electrical engineering from Duke University in 1960. In addition to GE's Executive Development Program, he has completed executive programs in Corporate Strategy and Finance at Harvard and Wharton.