



SCIENCE, TECHNOLOGY AND INNOVATION BOARD

Member



Bradford Tousley

Bradford Tousley is Vice President of Advanced Development for Trusted Space LLC. Trusted Space LLC is a leading provider of national security mission solutions in space and other domains. He is also a senior partner at Elara Nova (The Space Consultancy). He advises and supports emerging aerospace and technology businesses, after more than 42 years in government agencies, the private sector, and the US military.



He was with Raytheon Technologies from 2019 to 2023 in four different roles. From 2019 to 2021 he was president of Raytheon BBN Technologies, a technology and innovation organization and subsidiary of Raytheon Technologies. From 2021 to 2022 he was vice president of Raytheon Intelligence and Space, Advanced Concepts and Technology, where he led an innovative technology organization developing disruptive solutions in sensing and autonomy and mission systems to ensure customers' asymmetrical advantage. In 2022 he was the president of Blue Canyon Technologies, a leading provider of small satellites and spacecraft system components and another subsidiary of Raytheon Technologies. Finally, in 2023 he was Vice President for strategy and technology development for Raytheon Intelligence and Space, Space Command and Control, including space systems, command and control, intelligence systems, Blue Canyon Technologies, and SEAKR Engineering.

From 2017 to 2019 he was vice president of Commercial Aerospace and Strategic Technology Development at Ball Aerospace, responsible for strategic technical investments and invigoration of commercial aerospace and growing critical research and development. From 2006 to 2012 he was the leader of Advanced Systems and Technology for Logos Technologies, an emerging small aerospace business focused on persistent surveillance and support to the Intelligence Community.

Tousley was the Defense Advanced Research Projects Agency (DARPA) director for the Tactical Technology Office from 2013 to 2017, the pivotal platforms and systems office covering space, air, maritime/ undersea and ground warfighting domains. He was a DARPA program manager and senior scientist from 1998 to 2006 in 4 different offices and was responsible for critical Department of Defense research and development programs in diverse areas such as small UAVs, tactical missile systems, advanced radar and hyper/multi spectral sensors, and data science efforts. Before DARPA he was a program manager for the National Reconnaissance Office and a U.S. Army armored cavalry and acquisition officer for 20 years.

He holds master's and doctoral degrees in electrical engineering from the University of Rochester and a bachelor's degree concentrating in nuclear engineering from the United States Military Academy.

