

# James Schier Bio – 2017



Jim Schier is the Chief Architect for NASA's Space Communications and Navigation Program at NASA Headquarters. He leads NASA and international studies on the evolution of NASA's space communications networks to meet the needs of future science and human exploration missions. He joined NASA in 2004 after 25 years in industry where he worked on civil, defense, intelligence, and commercial space systems. At Northrop Grumman, he supported re-architecting the National Reconnaissance Office's ground systems. He led system engineering subcontracts on commercial satellite systems including Iridium and Thuraya and was a lead system engineer on the Orbital Space Plane. Mr. Schier was Avionics Manager and Chief System Engineer on the International Space Station at Grumman. At TRW, he managed flight software development on the MILSTAR Communications Satellite and led integration of materials processing experiments for the 1985 Shuttle Spacelab 3 mission. He received a Silver Snoopy award for his work on Spacelab 3 and a NASA Administrator's Group Award for the team that redesigned the Space Station. In 2015, he was awarded the NASA Exceptional Service Medal "for exceptional service and exemplary leadership in creating NASA's future Space Communications and Navigation Architecture." He is a co-recipient of the National Aeronautics Association's 2005 Brewer Trophy for leadership and dedicated service in support of the educational programming and outreach at the Smithsonian's National Air and Space Museum. He holds degrees in Computer Science and Electrical Engineering.