



Michael Johnson

*Networked Information Solutions Chief Architect
Northrop Grumman Mission Systems*

Johnson is a Senior Northrop Grumman Fellow and the Chief Architect of the Navigation, Intelligence, and Connectivity Division within Northrop Grumman Mission Systems.

In his current position, Johnson works across three business units and sixteen sites developing and supporting advanced mission systems performing communications, networking, electronic support measures, defensive and offensive cyber operations, advanced apertures, and PNT systems. He leads his division's chief engineers on strategic innovation and demonstration with a focus on radio frequency multifunctionality and open architecture. Johnson additionally supports the corporation by bringing this expertise to our portfolio of restricted programs.

Johnson has spent 25 years serving in increasingly complex technology roles with Northrop Grumman. In his previous role, Johnson served as a Mission Architect in our Emerging Capabilities Development organization innovating novel radio frequency systems in collaboration with DARPA and other national laboratories. He previously held leadership roles as Communications Business Unit Technology Director, Advanced Development Programs Chief Engineer, and Technology Campaign Lead and Principal Investigator. Earlier in Johnson's career, he was the first principal investigator for a counter-communications mission system which grew into the 20-year Joint Counter Radio-Controlled Improvised Explosive Device Electronic Warfare (JCREW) franchise program.

Johnson holds a Bachelor's degree in Electrical Engineering from the University of California, San Diego, as well as a Master's degree and Ph.D. in Electrical Engineering from Stanford University. His thesis, VLF Imaging of Lightning-Induced Ionospheric Disturbances, involved the development, deployment, collection, and analysis of VLF signals with a novel software defined radio. Johnson holds multiple invention disclosures and awards for innovation, is often asked to serve the NGC Corporate Chief Technology Office and has supported multiple Defense Science Boards.

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