



## Louise Sengupta

---

*Director, Business Development  
Northrop Grumman Microelectronics Center, Mission Systems*

Dr. Louise Sengupta is currently the Director of Business Development and Capture for Northrop Grumman Microelectronics Center (NGMC) that includes both Mission Systems and Space Systems sectors. She is responsible for growing the business and creating the go to market strategy for all new business in microelectronics across all services and across the company.

From 2018 to 2022 she was the Director of Advanced Electronics at Northrop Grumman Mission Systems and has >30 years of experience leading businesses and technology in microelectronics and is an expert in advanced sensing and advanced materials fabrication. She joined Northrop Grumman in 2015 and expanded the work in digital AESAs, trusted electronics, advanced imaging and advanced processors.

Prior to this, from 01/2006 to 07/2015, she was the Director of Advanced Sensors, for BAE Systems – Columbia, MD and served as an Engineering Fellow for BAE Systems and was the first woman to be elected to this position.

From 05/1998 to 01/2006, Dr. Sengupta founded and served as CEO/CTO of Paratek Microwave that was acquired by Blackberry RF in 2011. Paratek's product lines included phased array antennas and tunable RF components. The technology was based on intellectual property that she invented while at ARL (Army Research Laboratory) from 05/1991 to 05/1998.

She graduated with a Ph.D in Electrical Engineering from the University of South Florida in 1990 and has over 50 publications and over 70 issued patents.

Northrop Grumman is a technology company, focused on global security and human discovery. Our pioneering solutions equip our customers with capabilities they need to connect, advance, and protect the U.S. and its allies. Driven by a shared purpose to solve our customers' toughest problems, our 95,000 employees define possible every day.