

Dr. Thomas (Tom) George is the co-Founder and CEO of SaraniaSat Inc. based in Los Angeles, California, USA. SaraniaSat was founded to address the issue of rapid adoption of Big Data and IoT in the agricultural sector. SaraniaSat has developed customized hardware and software solutions for the acquisition and rapid processing of high spatial, temporal and spectral resolution imagery to deliver actionable information to its customers in Precision Agriculture.

Tom is an expert on semiconductor technology with particular emphasis on MEMS and Nanotechnology. He received his B.Tech degree from the Indian Institute of Technology, Madras, and his Masters and PhD degrees in Materials Science Engineering from the University of California, Berkeley. Tom has over 30 years of experience having worked in senior engineering and management positions at National Semiconductor Corp., Intel Corp. (on a joint project with UC Berkeley), Nagoya Institute of Technology (Japan), NASA's Jet Propulsion Laboratory, and most recently at three startup companies: Vialogy LLC, Zyomed Corp and Chromologic LLC before founding SaraniaSat Inc.. Tom is a prolific inventor with 11 patents, and over 100 publications. He has created and chaired an international Micro- and Nanotechnology Sensors, Systems, and Applications Conference for over a decade. In 2014 Tom was awarded the SPIE Fellow in recognition of his lifetime accomplishments in MEMS/Nanotechnology.