

## David A. Koester



Mr. Koester is a start-up company and early-stage product development executive with over 25 years' experience in securing, maturing and commercializing nascent technologies, engineering management, new business development, and technical sales. Most recently he has focused on the commercialization of a novel visible spectroscopy method for cancer detection at Zenalux Biomedical—a Duke University spin-off company. Prior to joining Zenalux, he spent over ten years in the field of thermal management, including developing thin-film thermoelectric device technology, and developing and addressing key markets for that technology. Prior to that, his emphasis was on the fabrication of semiconductor and MEMS products addressing a multitude of product areas including optical switching, attenuation and modulation, RF and DC switching, safing and arming, bio applications, printing, fluidics and inertial sensors.

Mr. Koester is a co-founder of Nextreme Thermal Solutions, a thin-film thermoelectric start-up company sold to Laird in 2013. Prior to Nextreme he held key technical and managerial positions with RTI International, MEMSCAP, Inc., JDS Uniphase, Cronos Integrated Microsystems, and the Microelectronics Center of North Carolina (MCNC). At Cronos he was a principle member of the technical staff. Cronos was sold to JDSU in 2000. He holds 11 patents and has authored or co-authored over 20 technical articles and peer-reviewed publications. He has an M.S. in Materials Science from North Carolina State University and a B.S. in Ceramic Engineering from Iowa State University.