



Dan Cook: CEO & Co-Founder

As CEO, Dan brings to Lyten his deep and broad experiences in scaling over 20 early-stage technology business, reengineering operations, and restoring financial profitability to companies ranging from \$3M to \$30B. Additionally, Dan's mechanical and materials engineering background has contributed to his multiple patents in industrial automation, cloud computing, and advanced materials. Prior to Lyten, Dan was a C-level executive within the Private Equity Investment sector, held a broad range of senior operating roles within Silicon Valley tech companies, and gained extensive manufacturing experience in high-volume automation and supply chain management at General Motors. *Education: MS Mechanical Engineering, Stanford University; BS Mechanical and Materials Engineering, Vanderbilt University*



Peter Schwartz: Chief R&D Officer

Dr. Schwartz has over 25 years of leading and scaling high-throughput manufacturing and production systems in the semiconductor, magnetic head, solar capital equipment, photovoltaic material processing, thin film processing, and medical device industries. His depth of knowledge in leading edge plasma and thermal reactor technologies and material development enabled multiple startup companies to be acquired by industry leaders. Dr. Schwartz has assembled the team that will enable Lyten to redefine technology limits and achieve stated goals. He is also a winner of the National Science Foundation Research Initiation Award and has published more than 20 papers in peer-reviewed journals. *Education: Ph.D. in Electrical Engineering, Princeton University; BS in Electrical*

Engineering, Purdue University.



Eric Fick: Executive Vice President, Federal Innovation Group

Lt. General (retired) Eric Fick is a highly accomplished leader with extensive experience in program management and acquisition. He served as the Program Executive Officer and Director of the F-35 Lightning II Joint Program Office for the US Airforce, overseeing mission-critical and multi-billion dollar projects. In his current role as the Executive Vice President of the Federal Innovation Group at Lyten, he will leverage his expertise to drive the growth of innovative solutions for government, defense, and national security, while expanding the customer base through strategic partnerships with Lyten. Eric's track record of delivering cutting-edge technology and his unwavering commitment to excellence will be instrumental in positioning Lyten as the contractor of choice across the federal landscape. *Education: BS, Aerospace Engineering, University of Notre Dame; MS, National Resource*

Strategy, National Defense University; MS, Aeronautical Engineering, U.S. Air Force Institute of Technology; MS, Military Operational Art & Science USAF Air Command and Staff College.



Celina Mikolajczak: Chief Battery Technology Officer

Celina leads the battery engineering team in commercializing and manufacturing the first North American-based lithium-sulfur cell technology at scale. Having been a battery technology executive at some of the top companies in the industry, such as Tesla, Panasonic, Uber, and QuantumScape, Celina has unparalleled experience and knowledge in the highly sophisticated areas of material engineering, cell engineering, manufacturing engineering, manufacturing operations, supply chain, and battery regulatory strategy that work in concert to deliver commercially viable, high-quality, and qualified battery architectures for the automotive, aerospace, micromobility, and consumer electronics sectors. Developing a fully US-based battery supply chain has been a passion of Celina's for years as she recognizes the opportunity to

accelerate the dimensions of sustainability, safety, and the re-shoring of critical North American cell manufacturing jobs at a time of significant geopolitical and supply chain risk. As an expert in the field of new battery technology, Celina has contributed to dozens of papers and delivered numerous speeches in the automotive, battery, and clean tech industries. She essentially wrote the book on battery safety (Lithium-ion Batteries Hazard and Use Assessment). She is currently a member of multiple Advisory Boards in the battery field and is the "Manufacturing & Infrastructure Committee Chair" at the Li-Bridge Initiative. For her accomplishments, determination, and vision, Celina has become a renowned international business leader, influencer, and role model, especially for women in engineering. She was most recently named to Business Insider's "2022 Top 100 People Transforming Business" list and was named by the Silicon Valley Business Journal as one of its "Women of Influence" for 2022. In 2020, Celina was also named to Automotive News' "100 Leading Women in North America". *Education: BS, Engineering and Applied Science, California Institute of Technology; Master's degree in Mechanical and Aerospace Engineering, Princeton University.*



Brian Martin: General Counsel

Brian has over 30 years of corporate legal experience in the technology industry, most recently serving as senior vice president, general counsel at Juniper Networks, general counsel of KLA-Tencor Corporation, and vice president corporate law group at Sun Microsystems. He has oversight for corporate governance, M&A, litigation, IP protection, business strategy, trade regulation, and compliance. Brian was named Bay Area's General Counsel of the Year by the San Jose Business Journal/SF Business Times and was also named one of the 100 Most Influential People in Business Ethics by Ethisphere Institute. *Education: JD, State University of New York at Buffalo Law School; BS Economics, University of Rochester*



Keith Norman: Chief Sustainability Officer

Keith brings over 20 years of experience in the energy industry, including executive roles at ExxonMobil and as a startup founder, investor, and scale-up leader in Energy Tech. His experience will be invaluable in his new role, where he will help the company achieve its growth targets and corporate and global greenhouse gas reduction goals. He will lead Lyten's efforts to become a leading decarbonization partner for customers' product portfolios, using the 3DG materials platform. Most recently, he served as Global Head of Technology Partnerships at Amazon Web Services, where he helped develop their Energy and Utilities business.

Education: BS, Chemical Engineering, Rice University; MBA, Texas McCombs School of Business



Daniel Jardine: VP, Sensor Product Innovation Group

Daniel is an innovation leader with over 25 years of experience taking breakthrough technology innovations from R&D to high-volume commercial production. He has led the development and productization of a broad range of electro-optical devices and sensor technologies including magnetic spintronics, optical communications filters, MEMS microbolometers and cryogenic infrared image sensors. His deep experience in leading the transition of sensor technologies from early development through full-scale manufacturing includes both military and civilian sensor products, with a focus on utilizing cutting-edge novel materials. Daniel is leading his team to innovate and manufacture new applications ranging from advanced biological and chemical sensing to a revolutionary new class of unpowered resonant sensors.

Education: MSc in Spintronic Magnetic Sensors, University of Cambridge (UK); BSc in Materials Science, Queen Mary University of London (UK).



James Griffin: Vice President of Composites James joins the company with over 15 years of experience in the composite materials industry. He is an accomplished professional with a deep understanding of the technical aspects of composite materials. His proven track record in leadership, innovation, and strategy has made him successful in leading and participating in numerous cross-functional teams on demanding material qualifications with large aerospace and consumer electronics OEMs. James's work in the field of composites has been instrumental in advancing the technology of these materials. James's passion for developing and using composite materials to create innovative solutions for various industries has been a driving force throughout his career. His experience in the field of composites has given him a unique perspective on how to create materials that are both strong and

lightweight. *Education: Masters in Chemistry, University of Hull; PhD, Chemical Engineering (Polymer Chemistry), Imperial College London.*



Karel Vanheusden, Ph.D., Vice President of Product Development

Karel Vanheusden is the vice president of product development at Lyten. He has over 20 years of executive experience founding and growing early-stage startups, leading to several successful acquisitions by Fortune 500 companies. He has a passion for sustainable energy and manufacturing, serving in senior level positions at the cutting edge of nanotechnology.

Before joining Lyten in 2019, Vanheusden was a senior manager at Tesla headquarters in Palo Alto, California, where he developed next-generation solar and energy storage solutions for solar glass roof, power wall, and the Model 3. Prior to Tesla, he founded and ran Ensor Inc., a Lithium-ion battery startup,

raising over \$1 million from venture capitalists and strategic corporate investors.

In previous roles, Vanheusden joined DuPont through a solar business acquisition, where he served as the technology and business manager at its Sunnyvale, California, technology center from 2011 to 2015. In this role he established joint projects in printed and wearable electronics between DuPont and industry leaders such as Apple, Amazon, and Nike. He also served in several management roles at Cabot Corporation, through the acquisition of a printed electronics startup. Vanheusden received his Ph.D. in physics from the University of Leuven in Belgium where he majored in solid state and semiconductor physics. He joined Sandia National Laboratories as a postdoctoral researcher developing radiation-hardened electronics for DoD and DOE applications. He holds more than 20 U.S. patents, is the first author on over 30 peer-reviewed scientific papers and is the recipient of R&D 100 and Discover Magazine Awards.



Ron Stevens, Vice President of Systems Engineering

Ron leads the Systems Engineering team with over 25 years of experience in developing semiconductor manufacturing equipment for top tier OEMs. Ron has become an expert in this field and has extensive knowledge spanning various areas, including EPI, CVD, ALD, MOCVD, PECVD, and compound semiconductor materials. Prior to joining Lyten, Ron has worked with other companies like Kaia Tech, WONIK Quartz International, and Applied Materials, where he received over 50 US and international patents. Ron has led product development and introduction to market while providing customer solutions for new materials, productivity, and yield.

Education BSE, Mechanical & Aerospace Engineering, Arizona State University.

Richard Lyon: Vice President of Fab Operations



Richard is a seasoned professional with over forty years of experience in various high-tech business sectors. With an extensive background in operations, engineering, semiconductor manufacturing, biotechnology, and quality, he has made significant contributions to the development of multiple Silicon Valley success stories. Throughout his career, Richard has played a vital role in building some of the most prominent technology companies, including Fairchild Semiconductor, American Microsystems, Xicor, SemiTech, Applied Materials, and Infineon Dresden. Richard's expertise in semiconductor technology has been instrumental in his work in the biotechnology sector. He was directly involved in the launch of the first semiconductor sensor-based DNA sequencer at Ion Torrent, where his knowledge of the field proved invaluable. *Education: Bachelor of Science, Electrical Engineering, San Jose State University.*



Penchala Kankanala: VP of Cell Design and Manufacturing Engineering

KP is a highly experienced professional in the field of equipment and process design for mass production and ramping production lines. He is responsible for designing cells and bringing up the pilot line for production. With over 23 years of experience in this field, KP has an impressive track record of successfully designing and ramping production lines. He has worked at some of the biggest names in the industry, including Tesla, Apple, and Applied Materials. During his time at Tesla, KP was the head of the tabless shop and was responsible for ramping up the in-house 4680 cell manufacturing line. His prior work at Apple involved designing portable battery lines, while at Applied Materials

he designed and ramped solar and semiconductor equipment. *Education: B.E., Mechanical Engineering, National Institute of Technology Karnataka; MS in Mechanical Engineering, Texas A&M University; MBA, UC Berkeley, Haas School of Business.*



Jim Paye, Vice President of Business Development and Applications Engineering

Jim is a technical and business-oriented automotive executive managing our product portfolio in the automotive sector. He has over 35 years of international product development experience covering automotive Li-Ion battery systems, automotive safety electronics, and global organization development. He was instrumental in the early adoption of micromachined accelerometers used for crash sensing and developed advanced occupant classification systems based on capacitive and seat weight sensing. Recently, he was responsible for the development and launch of several low-voltage Li-Ion battery packs including a 12V Li-Ion Starter battery in the US and European market and a 48V micro-hybrid battery system for BMW, Audi, JLR, Renault,

and several OEMs in China. *Education: Bachelor of Science, Electrical and Computer Engineering, Wayne State University.*