



Syd Ulvick

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Dr. Sydney Ulvick is the Director of the Intelligent Systems Works (ISW) within Lockheed Martin Advanced Technology Laboratories (ATL). He has more than 30 years of start-up, technology development, and strategic venture investing experience. His background blends technology with business, and he has served as Director, VP, SVP, and President for large, medium, and small companies, including start-ups.

As Director of the ISW, Dr. Ulvick is responsible for scientists and engineers conducting work to create technologies that will accelerate the hybrid existence of human and machine intelligence in support of Department of Defense and Intelligence Community missions. With a focus on human performance augmentation, artificial intelligence and machine learning-based(AI/ML) algorithm and model development, data and information fusion frameworks, machine autonomy adapted to missions and domains, and advanced robotics technologies, the ISW designs, develops and evaluates hybrid human-machine intelligence solutions supporting future, complex warfighter missions. These missions include multi-domain distributed and adaptive C2 and ISR, tactical human-machine teams, hybrid team intelligence analysis, and strategic threat assessment.

Prior to joining Lockheed Martin in 2016, Dr. Ulvick was a Senior Vice President of Technology for In-Q-Tel, Inc., a not-for-profit strategic investor that accelerates the development and delivery of cutting-edge technologies for national security agencies. Dr. Ulvick coordinated venture capital, government, and start-up communities to create commercially available resources for intelligence community clients. He played significant roles in the leadership and evolution of business at In-Q-Tel, and successfully guided numerous technologies to deployment status within the intelligence community.

His 13 years at In-Q-Tel were preceded by an equivalent amount of time in the R&D business and start-up worlds, including the founding of two startups in the manufacturing and specialty chemicals sectors, serving as the Vice President of a startup in the medical devices sector, and serving as the Vice President of a contract R&D business overseeing biotech, sensors, fuel cells, nanotech, and forensics.

Dr. Ulvick earned a Bachelor of Arts degree in biochemistry from the University of Colorado, and Master of Arts and Doctor of Philosophy degrees in Physical Chemistry from Rice University.