

NEW HORIZONS

BY LIGHT CROSSES THE ATLANTIC

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As technology and defense strategies evolve at an unprecedented pace, By Light stands at the forefront of innovation and excellence. To further our journey towards global distinction in simulation training and cyber expertise, By Light is proud to announce our strategic expansion into the United Kingdom. This expansion is more than geographic; it marks a bold stride into new realms of possibilities, reinforcing our commitment to supporting the U.K. Ministry of Defence (MoD) and industry partners with sophisticated, state-of-the-art solutions.

The new entity, By Light Technologies, Ltd., will be led by Sanjay Khetia, whose career delivering innovative solutions to a variety of sectors globally spans nearly 25 years. Khetia explains, "The U.K. market presents a tremendous opportunity for By Light to showcase its leading-edge training and simulation capabilities. We are passionate about adapting our proven modernization solutions for new clients, personalizing our interoperable training capabilities, which were collaboratively developed with the U.S. Military, to smartly deploy new technologies without limiting current capabilities."



STRATEGIC SYNERGY THROUGH ACQUISITION

By Light's impressive growth has accelerated in recent years with the integration of Veraxx Engineering, Cole Engineering Services, Inc. (CESI), and By Light Port Orange (formerly Raydon Corporation), building and strengthening our modeling and simulation vertical. This strategic move embodies our dedication to expanding our service offerings, extending our capabilities to meet the diverse and complex military training requirements in the U.K. and beyond. Together, we form a robust alliance poised to deliver unparalleled training solutions, demonstrating our collective strength and shared vision for excellence.

REVOLUTIONIZING MILITARY TRAINING WITH ADVANCED SOLUTIONS

Our foray into the United Kingdom is underpinned by our resolve to revolutionize military training, leveraging By Light's extensive expertise in cyber operations, digital services, and modeling. Now, with enhanced simulation capabilities through our latest acquisitions, we are uniquely positioned to offer integrated solutions that promise a new era of military readiness. Our commitment to creating seamless interoperability and operational superiority will ensure that forces are well-prepared, agile, and capable of facing whatever comes next.

EXPANDING THE CYBER MISSION

With cyber threats looming large and the cyber realm becoming an ever-critical battleground, By Light is doubling down on its commitment to expand the cyber mission. We are developing sophisticated cyber training and defense mechanisms that not only protect but empower. The U.K. is currently working on a Foreign Military Sales (FMS) case to purchase a Persistent Cyber Training Environment (PCTE) Enterprise Compute and Storage (ECS) platform that will enable individual and collective cyber training, including real-time integrations across existing U.S. and Australian PCTE systems. The ECS platform is an on-premise computing environment that allows secure scaling of PCTE. This FMS case is expected to be finalized later this year, with a delivery of the system in 2025. Further, By Light has developed a relationship with aerospace company Leonardo UK, which recently acquired a CyberCENTS® platform in Bristol, England, to support Cyber Electromagnetic Activities (CEMA) operational test and evaluation. CyberCENTS® provides an on-premises, isolated, high-fidelity cyber range with a closed Internet ideal for platform information technology and critical infrastructure protection. The U.K. expansion reflects our dedication to innovation and excellence in safeguarding our digital frontiers and will only continue to provide a greater customer base.

EXPLORING THE POTENTIAL OF SYNTHETIC ENVIRONMENTS

The future of military training and readiness lies in the potential of synthetic, persistent environments. By Light is at the helm of this transformation, exploring the vast possibilities of virtual and constructive simulation technologies through the U.S. Army's Synthetic Training Environment (STE). The CESI-developed STE offers a dynamic platform for realistic, immersive training experiences that enhance operational readiness without the constraints of physical limitations. As we delve deeper into this domain, our focus remains on harnessing the power of these technologies (RVCT, Training Management Tool, MSSV, One World Terrain integration, Next-Generation Constructive, Live Training, etc.) to create scenarios that prepare our forces for the complexities of modern warfare, ensuring they are battle-ready and equipped for any scenario. The U.S. Army and U.K MoD have been collaborating on how to create interoperable training and are looking for STE to drive the train – positioning By Light and CESI as the key subject matter experts prepared to bridge the training gap across the Atlantic. →

A UNIFIED VISION FOR THE FUTURE

By Light CEO Bob Donahue views this expansion as a reflection of our unwavering commitment to delivering cutting-edge training solutions to the U.K. MoD and our global allies. The synergy among By Light, CESI, and Veraxx is not merely strategic but a profound collaboration that embodies our collective vision and dedication. Together, we will set new standards in military training and readiness, reinforcing our role as leaders in innovation and technological excellence.

EMBRACING OPPORTUNITIES AND CHALLENGES AHEAD

Our expansion into the U.K. and beyond represents not just growth but an opportunity to redefine the landscape of military training and cyber dominance. We invite every member of our team to join us in celebrating this milestone and to contribute to the exciting journey ahead. Together, we will continue to push the boundaries, innovate, and set new benchmarks in our quest for excellence.

Stay tuned for more updates as we progress in this exciting chapter of our journey. Together, we are By Light - illuminating the path to innovation, readiness, and success. Ready never waits. ■

