



# THE BIC

**JEFF ADELMAN**  
VP, DoD and Civilian Agencies

The By Light Integration Center (“the BIC”) is located outside of Ft. Bragg in Fayetteville, NC. It has been part of By Light’s capabilities since 2005. The BIC is a 12,000 Ft2 facility with offices, production spaces, vehicle bays, and a training classroom. It is equipped with hand and air tools, a machine shop, thermal test chamber, vibration shake table, CAD workstations, and electronic assembly workbenches. It has been at the center of research and development, design innovation, and custom production for many projects, products, and contracts. The BIC Vice President Mel Marker has led the BIC team from the start. Along with Craig McManus and a cadre of technicians, Mel leads a systems engineering team that designs and builds hardware, software, mechanical, electrical, power, RF, and network solutions.

## “YEAH, WE DO THAT”

There is a saying at By Light, “Yeah, we do that.” It reflects the confidence we have in our capabilities and willingness to do what it takes to get the job done. It particularly embodies the BIC’s spirit. In 2008, US Army Special Operations Command (USASOC) approached the BIC with a problem: Their deployable radio kits were too heavy, had too many pieces, and did not provide important features. The BIC team designed and developed an innovative Radio over IP (RoIP) gateway—the Tactical Radio over IP Inter-Communications System (TRICS). Our TRICS product combined push-to-talk, remote radio programming and data transmission into a single chassis. TRICS was awarded two patents, sold over 2,000 units, and was part of the Marine CoC program of record. Recently the BIC has partnered with Klas Government as a value-added integrator for the Voyager product line. Voyager is a modular and scalable range of network, computer and radio systems designed to meet the requirements of government and public safety communicators in any operational environment. The BIC designs and builds Voyager modules for unique opportunities such as satellite modems from iDirect and Viasat, video encoders from Haivision and Vitec, and radio amplifiers from Viasat.