

Kevin C. Kriegel

EDUCATION

M.B.A. New York Institute of Technology, Old Westbury, New York

B.S. Communication Northern Illinois University, Dekalb, Illinois

Associate's Degree in Electronics, National Radio Institute, Washington D.C.

Industry specific Certifications:

American Boat and Yacht Council Master Technician

- Marine Corrosion
- Marine Electrical
- Standards

NMEA Certifications:

- CEMET
- Advanced Marine Electronics Installer
- FCC GROL w/Radar

Certified Installer:

- Furuno
- Garmin
- Navico
- Raymarine

Related Certifications:

Video IQ - (video surveillance installer/video analytic programmer)

FLIR – Civilian Contractor (forward looking infrared/thermal imagers)

LightLoc - Certified Installer (Fiber Optic Intrusion Sensor Systems)

Southwest Microwave – Certified Installer (TRD fence line security)

Cisco MAR Certified (Mobile Access Routers)

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Most Recent Patent:

“Global Positioning Systems and Methods for Asset and Infrastructure Protection”
patent number 8,471,700.

PROFESSIONAL EXPERIENCE

2012 to Present Larsen Marine Service Waukegan Illinois
Electrical / Electronic Project Manager

2001- 2011 Stonewater Control Systems Inc.
Evanston Illinois, President-CEO

1995-2001 Vision Mix Technologies, Highland Park Illinois, Partner

PROFESSIONAL RESPONSIBILITIES

Kriegel has more than 30 years of experience in a wide range of engineering disciplines including Marine electronic design and installation, security systems design, laboratory design, remote diagnostics, robotics, process control, and image processing. In 1995 he founded VisionMix Technologies, a firm specializing in robotic imaging systems used in a variety of markets including security, graphic arts, television and motion picture industries. Prior to that he was Vice President of Engineering for Litho-Tronics Inc. Previously, Mr. Kriegel traveled internationally for various companies deploying imaging systems used in military reconnaissance, enhancement, and medical diagnostics.

Kriegel has obtained patents for his “Smart Barrier” which combines video analytics with other sensor systems for advanced perimeter security, the prototyping was done at Sandia National Laboratory, New Mexico, these systems are currently being deployed at Nuclear Power Facilities and Military forward operating bases .

Currently Kriegel is leading the design effort of a new medical device; a Non-Invasive Intra-Cranial Monitor for Remote Vital Monitoring Inc. in Chicago. In addition, he is currently managing director of Technical Marine Support Inc. which specializes in the integration of Marine electronics (Radar ,Sonar, ECDIS) on commercial vessels as well as high end private yachts.

REPRESENTATIVE PROJECTS

- Founding Partner – Security in Motion

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- Prototyping of Non-Invasive Intra-Cranial Pressure Monitor for Remote Vital Monitoring Inc. (a UIC start-up company) designed to assess early stage TBI's (traumatic brain injuries) Remote Vital Monitoring

- Energy First - Redesigned Energy Analysis user interface to provide real-time aggregate dashboard with drill-down and drill-up, and one click navigation to additional charts and reports.
- Project Manager / Lead Engineer for Sensor and Communication Airship Network (SCAN) project under joint sponsorship of NASA, Army Space and Missile Defense Battle Labs (ASMDBL), and the University of Cincinnati.
- Lead Design Engineer for Smart Barrier project developed in cooperation with Sandia National labs to provide detection and assessment capabilities for high security perimeter barriers deployed around military installations and nuclear power plants.
- Design and Integration of Marine Electronic Systems with Technical Marine Support Inc.