WR SYSTEMS

Advanced. Precise. Reliable.

POSITIONING, NAVIGATION, AND TIMING (PNT)

As a leading provider of assured PNT services, we are known for our commitment to the fleet. W R Systems, Ltd. (WR) is a one source solution for sophisticated bridge systems for new builds and retrofits, as well as prototypes and Engineering Design Models (EDMs) across the C5ISR spectrum. Our experience with navigation systems from inception to sustainment informs our engineering support of future designs and current initiatives, including non-proprietary and sensor-agnostic solutions.

Navigation System Expertise

- Inertial Navigation Systems (INS)
- Electronic Chart Display and Information Systems (ECDIS)
- Global Positioning Systems (GPS)
- Voyage Management Systems (VMS)
- Gyrocompasses, Speed Sensors, Depth Sensors
- Dead Reckoning Systems

- Navigation Data Distribution Systems
- Electronic Alteration Installation Team (AIT)
- Selective C4ISR Manufacturing
- Micro-Miniature (2M) repair
- Integrated Product Support (IPS)
- Comprehensive Engineering and Services

Distinct Experience

As an ISEA support contractor for Navy navigation since 1996, WR has delivered:

- Technical support to all in-service US Navy ships and USCG cutters, and numerous Military Sealift Command (MSC) ship classes
- Technical services for Navigation System Certification (NAVCERT) for all Navy navigation systems
- Early AN/WSN-12 EDM and prototyping technical services with future programs, in mind (such as GPS-based Positioning, Navigation, and Timing Service (GPNTS))
- Design and technical services in support of Integrated Navigation Suite interoperability

Meeting Evolving Customer Requirements

WR's proactive approach, combined with our detailed and historical system knowledge, mitigates the risk of inflexible designs and obsolescence. We leverage our experience, skills, and capabilities to provides total life cycle approach from conceptualization of new products, to design and development, to Engineering Development Model (EDM) and prototyping, through production, installation, and technical services and support.