



# JOINT RANGE EXTENSION (JRE) PROTECTING AMERICA AND SAVING LIVES

## Dynamic Situational Awareness... In the Cockpit... On the Bridge... In the Ops Center

- Critical information exchange between commanders and response platforms
- Currently deployed on more platforms than any other gateway in the world
- Links USCG helos in the National Capitol Region to NORAD

JRE is the warfighter's software-based gateway of choice for situational awareness graphic displays as well as command and control capabilities...linking all forces...ashore, afloat, and airborne...line-of-sight and beyond-line-of sight.



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JRE provides tactical data link communications (Link 11, Link 16, SADL) interoperability feeding critical, real time information (text and visual) between

- Operational command and response units
- USCG and DoD forces
- USCG and local and state agencies (FBI, Customs and Border Patrol and others)

JRE's enhanced graphic situation awareness picture displays key mission information to the bridge, cockpit, and operations center...same picture to all levels of command and responders.

With JRE, the warfighter has complete tactical data link access and interoperability through "loose" implementation...result: low integration costs.

### JRE completes taking the "search" out of "search and rescue."

- Augments RESCUE 21
- Pinpoints vessel/individual location
- Reduces search time
- Allows the responder to drive the vector to the location
- Enables joint USCG-DoD SAR efforts

### Maritime Security and Maritime Domain Awareness is greatly enhanced.

- Expands USCG COP
- Fuses CONUS Homeland Defense air picture with USCG AIS and other sources
- Transmits fused picture to afloat and airborne platforms
- Sector Command Centers can digitally task responders, line-of-sight and beyond-line-of-sight

### JRE decreases response time in support of humanitarian operations.

- USCG on-site and off-site commanders responder platforms will have access to fused air and AIS maritime picture
- Commanders can digitally task responders directly to trouble spots

### For more information, please contact:

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JRE USCG warfighter software

