

Diamond B Technology Solutions, LLC (LR-x[®]) to Present with U.S. Army Research Laboratory at American Meteorological Society Annual Meeting

Billings, MT – January 7, 2019 Diamond B Technology Solutions, LLC in conjunction with the U.S. Army Research Laboratory has been selected to present at the American Meteorological Society (AMS) Annual Meeting to be held January 6-10, 2019. The presentation, to be given by both Gail Vaucher, U.S. Army Research Laboratory (ARL) and Scott Roller, VP of Technology for Diamond B Technology Solutions, LLC (LR-x[®] Technology) on January 7th, will describe the historical atmospheric research that prompted the initial airborne hazard requirements; as well as, the debut and subsequent improvements made before being transitioned from government to a civilian technology.

The robust, industry changing application grew out of extensive research and development completed by ARL in White Sands, NM. ARL created the L-REAC[®] (Local-Rapid Evaluation of Atmospheric Conditions) System to improve soldier and civilian situational awareness of environmental airborne hazards during potentially life-threatening events. From a first of its kind diagnostic wind and turbulence proprietary 3-D Wind Field (3DWF) model, coupled with real-time atmospheric measurements and a First Responder-friendly NOAA/EPA plume model ALOHA[®], ARL mitigated losses through the increase of timely airborne hazard intelligence.

The Diamond B Technology Solutions, LLC exclusive license rebrand LR-x[®] is a paradigm shifting technology in chemical spills, CBRN treat, airborne hazard events, and wildfire safety. By producing a hazard visualization in near-real time, first response decisions can be made using 3DWF and ALOHA[®] model results in under 5 minutes. These seamless integrations model toxic plumes and 3D wind fields over roadmaps, satellite images, Google Maps and Google Earth to provide the most current information possible viewable on a mobile device or iPad.



According to the U.S. Navy Research Laboratory, “75% of direct exposure fatalities trace their origin to the first 15 minutes of an event. If effective response begins in 3-5 minutes, 85% of these fatalities can be avoided.”

About LR-x[®] Technology

LR-x[®] is a mobile (Apple & Android) cloud based, easy to use, real time technology for heightened situational awareness of chemical spills, CBRN threats, airborne hazard events, and wildfire management. By applying for a [free 1-week trial](#), First Responders and Hazmat Response Teams are provided an opportunity to run models that produce a hazard visualization in near real time using 3DWF and ALOHA[®] model results in under 5 minutes utilizing mobile devices/tablets. Learn more at www.lrxtechnology.com.

About Diamond B Technology Solutions, LLC

Diamond B Technology Solutions (DBTS) is the technology arm of parent company [Diamond B Companies Inc.](#), a multi-dimensional company with business ventures throughout the United States and Canada. A leader in technology and logistic solutions, they are uniquely qualified to partner in the development, implementation, and support of operational solutions. Learn more at www.diamondbts.com.

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LR-x[®] is based on patented technology developed and licensed exclusively to Diamond B Technology Solutions by the U.S. Army Research Laboratory under U.S. Patent 9,911,303 issued March 6, 2018