

NEW BARRIER & SIGN KIT FOR CHECK POINTS



Early prototypes of vehicle check point equipment.

-- U.S. Air Force

“FirstLink helped us identify this helpful technology and form a collaboration with the Air Force Research Laboratory. Their solution is a great fit for our product line and, more importantly, our customers’ needs.”

*Matt Gelfand, President
USR, Inc.*

United Safety Response, Inc. (USR) of Franklin, TN has entered into a Cooperative Research and Development Agreement (CRADA) with the Sensors Directorate of the Air Force Research Laboratory (AFRL) to advance a Barrier and Sign Kit for use at vehicle check points. FirstLink helped the parties find each other and facilitated this development agreement.

The AFRL inventors, located at Wright Patterson Air Force Base, were aiming to demonstrate a rapid capability in prototype development while concurrently solving a recognized problem at military checkpoints. Approximately 10% of vehicles approaching a military or civilian checkpoint don't stop, either purposely or for lack of attention. The prototypes designed address the challenges of compact storage, rapid deployment, enhanced situational awareness and improved traffic control.

USR provides a wide range of barrier technology and perimeter security products. They will combine their internal design and engineering expertise with feedback from AFRL prototype evaluations to develop products that can increase the percentage of vehicles that are diverted or stopped by non-lethal means. The resulting commercial products will be useful for temporary checkpoints that require rapid installation with minimal resources. The ease of use and affordability of the equipment which comprises the Barrier and Sign Kit will make these units attractive for military, law enforcement and private facility checkpoint operations.

The Air Force Research Laboratory is wholly dedicated to leading the discovery, development, and integration of warfighting technologies for U.S. air, space and cyberspace forces. The Sensors Directorate located at Wright Paterson Air Force Base performs R&D and integration of affordable sensor and countermeasure technologies.

FirstLink is the Department of Defense’s National Center of Excellence for First Responder Technologies, supporting first responder needs through the development of commercial pathways between Department of Defense Science & Technology, private industry and universities.

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