

## **Universal Containment System: Field Performance against WWI Munitions**

The Universal Containment System (UCS), manufactured by Vanguard Response Systems Inc. has undergone field performance testing against World War I munitions.

The UCS was developed to contain and mitigate the blast effects from hazardous devices, such as improvised explosive devices (IED) and unexploded ordnances (UXO) while dealing effectively against threats from dirty bombs and chemical/biological/radiological devices. The two key elements of the system are; a lightweight ballistic fabric enclosure (tent) and a unique suppression and decontamination foam.

Field testing performed in France on the UCS against old WWI munitions has proven successful. A presentation of trials and preliminary test data that included verification on containment, and chemical vapour suppression on a 76 mm Smoke/Cyanide Round, a 105 mm Arsine Round, 76 mm Phosgene round and a decontamination test on a 76 mm munition filled with HD and disrupted in open air will be discussed.