



Bruker Detection has been involved in various US Government R&D and engineering projects. Some notable programs include the CBMS in the 90's for the US Army, IPDS-LR from 2008 -2017 for the US Navy, DHS ARFCAM/LACIS programs from 2004-2011, and the Next Generation Chemical Detector program. More recently, Bruker Detection has been awarded succeeding yearly contracts to develop the next generation explosives detection for DHS. Most recent award is for more than \$1M in R&D conducted at its Billerica, MA facility.

Bruker Detection Corporation develops, engineers, manufactures and services CBRNE detection instruments for the military, security, first responders, and industry worldwide. Bruker Detection has delivered CBRNE instruments in varied platforms and divergent applications. Instruments include chemical detectors, biological detectors, radiological detectors, nuclear detectors and explosive detectors. Detectors are both stand alone and integrated within detector suites, facilities and mobile platforms. Bruker Detection began with the first mobile mass spectrometer more than 35 years ago.

Bruker Detection expertise includes intellectual property, scientists, and engineers in the fields of mass spectrometry, FTIR, ion mobility, ELISA, and other fields. Bruker Detection has scientific expertise in trace, vapor, standoff, GC/MS, scintillation and other sampling and sensing techniques.

Fielded detection systems of note include:

- US Navy surface fleet (ongoing)
- National Guard CST teams across the country
- US Army installations worldwide
- US Navy Submarine fleet & supporting depots worldwide (ongoing)
- First responders in select cities
- Chemical industry worldwide

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