



# Mobile Detection Deployment Units

A National Radiological and Nuclear Detection Support  
Capability

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Homeland  
Security

Domestic Nuclear  
Detection Office

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## A National Radiological and Nuclear Detection Support Capability

Collaboration between federal, state, local, and tribal law enforcement and public safety entities is crucial to the government's layered approach to security. DNDO developed the Mobile Detection Deployment Units (MDDU) to assist the Domestic Nuclear Detection Office's (DNDO) state, local, and tribal partners with detecting and reporting radiological and nuclear threats.

The MDDU is a national radiological and nuclear detection "surge" asset, designed to supplement first responders' existing radiological and nuclear detection and reporting capabilities, especially in support of national and other special security events.

DNDO is jointly staffed within DHS, with a mission to substantially reduce the risk of nuclear terrorism against the United States by continuously improving capabilities to deter, detect, respond to, and attribute attacks, in coordination with domestic and international partners.



Each MDDU contains radiation detection equipment for approximately 40 emergency responders, housed in a mobile trailer package. These detection packages are spread out across the United States and maintained through a DNDO agreement with the Department of Energy Radiological Assistance Program. MDDU equipment includes portable backpack radiation detection units, high and low-resolution radiation identification hand-held instruments and personal detection devices. Each MDDU is accompanied by a technical support staff to train personnel on the use of equipment and to help integrate these capabilities into existing operations.



Visit [www.dhs.gov/dndo](http://www.dhs.gov/dndo) for more information. Federal, state, local, tribal, or territorial governments may request an MDDU by contacting [dndo\\_mddu\\_request@hq.dhs.gov](mailto:dndo_mddu_request@hq.dhs.gov).



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