

Fast identification in remote border crossings

Situation

Smugglers often use remote border crossings when transporting contrabands between countries. Customs need to be fast moving and use equipment that is easy to bring, and which can provide them with quick answers on site. In order to work as undisturbed as possible, smugglers often send decoys, which increases the workload for customs. Working in remote areas with almost no access to health care requires extra needs regarding staff safety.

Solution

Customs require a reliable and efficient way to identify substances with as few consumables as possible. Serstech 100 Indicator is a small and light tool for quick and reliable identification of substances. Thanks to the Raman technology, the identification can be done without opening the substance-containers. This minimizes the risk connected to handling substances. This is very important for example when facing potent narcotics like fentanyl.



How to identify substance in the field

Use the Serstech 100 Indicator and measure the substance through a glass or plastic container. This is the most common way to do an identification. If the containers are opaque, a sample of the substance can be placed in a small zip lock bag or a glass vial before measuring using the Serstech 100 Indicator. Some narcotics are mixed with other substances to make identification harder for customs. In those cases it is efficient to use the Serstech SERS kit. This device will make it possible to identify low concentrated substances, down to 200ppm.

Overview

Location:
Remote border crossings

Product:
Serstech 100 Indicator
Narcotics library
Serstech SERS kit