

Prison Finds Hidden Cellular Phones with REI's ORION Non-Linear Junction Detector...

FOR RELEASE July 22, 2005

Algood, Tennessee - Research Electronics International (REI) and the Tennessee Department of Correction successfully tested the ORION Non-Linear Junction Detector as a search tool for locating cellular phones hidden in prison cells.

The ORION Non-Linear Junction Detector (NLJD) detects and locates the semiconductor junctions in electronic components used in electronic devices, regardless if the device is transmitting or even turned on. This makes the ORION NLJD a useful tool for detecting and locating hidden electronic devices (such as cellular phones), even if the devices are turned off. The REI ORION NLJD, designed and manufactured using REI patented technology, is recognized as the most sophisticated non-linear junction detector in the world.

REI performed an initial test of the ORION NLJD for locating cellular phones in a prison cell with the help of the Tennessee Department of Correction at the Riverbend Maximum Security Institution located in Nashville Tennessee, USA. During this initial test of an inmate's prison cell, a "hit" was detected in a large stack of papers in a bookshelf. Upon closer examination, it was determined that the "hit" was not a cellular phone, but an electronic greeting card (much smaller than a cellular phone) that contained semiconductors.

On a subsequent test performed by Tennessee Department of Correction prison personnel, the ORION NLJD located two cellular phones and three chargers hidden in mattresses and a large laundry cart. Feedback from prison personnel stated the ORION would be a valuable tool in controlling cellular phones in prisons.

These successful tests indicate that the ORION NLJD can be used as an effective search tool to detect and locate hidden cellular phones in prison cells.

About Research Electronics International

For over 20 years, Research Electronics International (REI) has specialized in the design and manufacture of Technical Security Countermeasure equipment. REI's technical security equipment is used in over 85 countries worldwide by law enforcement organizations, government agencies, and corporations. REI's corporate offices, manufacturing facilities, and Center for Technical Security are located in Tennessee USA, with an extensive global network of resellers and distribution partners throughout the world. For more information call +1 (931) 537-6032 or visit REI on the web at www.reiusa.net.