Press Release

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**ELLENBY introduces 6-dimension bolt trap system across all smart safe lines**

Ellenby Technologies, Inc. has released its latest technology, a smart safe electronic locking system, the Six Dimensional Bolt Trap, 6DBT. The new 6BDT lock adds significant security to smart safes by not only sensing when the safe door is closed but also sensing when the door bolts are locked or tampered with. The 6DBT is compatible with a wide range of the latest access control techniques.

Unlike traditional electronic locks that are installed within the bolt work of a safe, the 6DBT system places the locking mechanism on the side wall. Placing the lock on the wall of the safe brings about two advantages. First, the lock is harder to defeat in a physical attack in that it requires full access to the side of the safe. Second, no electronic cabling needs to be routed across the door hinge – often the case of electronic lock failure in traditional designs.

The six dimensions of the bolt trap include three dimensions of mechanical capture of the door to the side wall of the safe and three dimensions of electronic sensing to ensure the door is properly secured.

Mechanically, first, a proprietary bolt mechanism is hard fastened to the door. Second, the bolt is the fully surrounded on the top, bottom, front, and back faces when it engages into the door lock channel on the side wall of the safe. Third, the bolt is trapped by a steel plunger that fully pierces the bolt preventing its release from the door lock channel. Electronic sensors are used to monitor the presence of the bolt within the lock channel, the presence of drills or other tools within the lock channel, and the position of the steel plunger.

Information from each 6DBT within a smart safe is communicated on an encrypted data link back to the safe controller with a wealth of security and diagnostic information that is unprecedented in the industry.

ABOUT ELLENBY: Ellenby Technologies has successfully designed and manufactured its standard and custom CashTrak® Electronic Smart Safes since 1995 when the concept was first conceived. Ellenby provides full service Electronic Design and Manufacturing of these and other products under one roof in Woodbury Heights, NJ. Information about Ellenby and its products may be found on the company’s website at http://www.ellenbytech.com