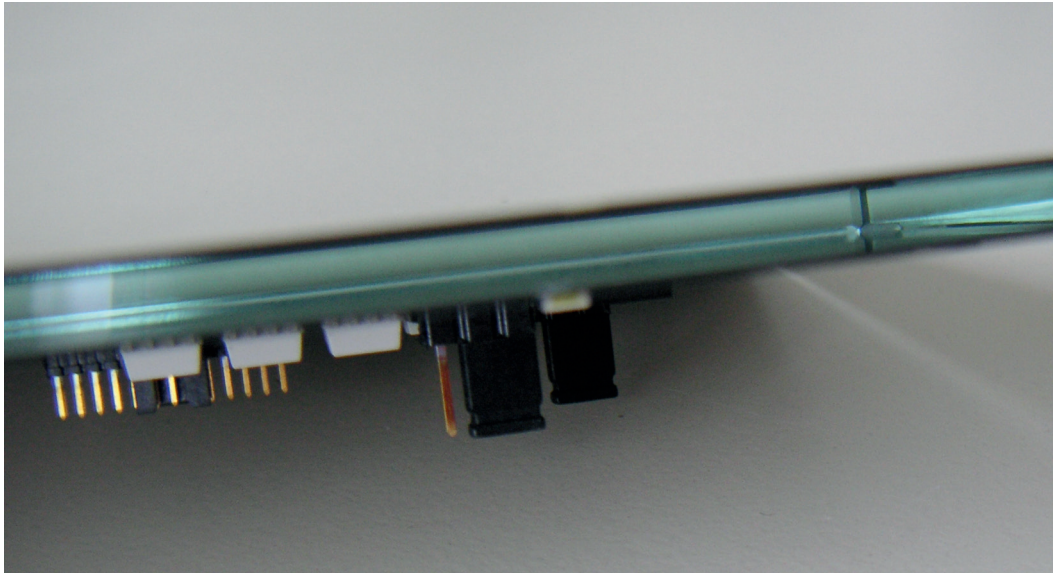


→ ELECTRONIC MACHINES

ESA Business Incubation Centre Darmstadt



Profile

Electronic Machines is a technology start-up based in Messel, Germany, and focused on skimming prevention for Automatic Teller Machines (ATMs). It is a brand new technology for fraud-prevention in the cashless payment systems. Manipulations of ATMs are increasing: from 2009 to 2010 over 100%. The loss of the financial industries is officially about 100 Million Euro per year but the estimated number of unreported cases is supposed to be significantly higher.

Products and Services

A possible manipulation is, to bring a fake keyboard on top of the original one. By this means, the criminals get the PIN number. The rest of the data they get by using a faked credit card slot. Electronic Machines developed a glass keyboard with security systems and signs, which the user can see on the ATMs. Therefore, it is possible to determine, if there is a manipulation, or not. The glass keyboard has a 3 dimensional hologram, engraved inside the glass, RFID, video camera, sensors, antenna systems and some other features. The glass keyboard is partly transparent to be able to check the security signs. It works with capacitive touch system, which makes it difficult to mount a faked keyboard on top. A faked keyboard with glass or with buttons would not work any longer.

Link to the website

www.electronic-machines.com

Contact:

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