



WORTHY OF TRUST AND CONFIDENCE



Gas Pump Skimmers

Presented by TFO Frank Applegate
Columbus Field Office



Current trends

- Bluetooth
- Cellular
- Buried deep inside gas pump
- ATM Deep Insert Skimmers



Gas Pumps





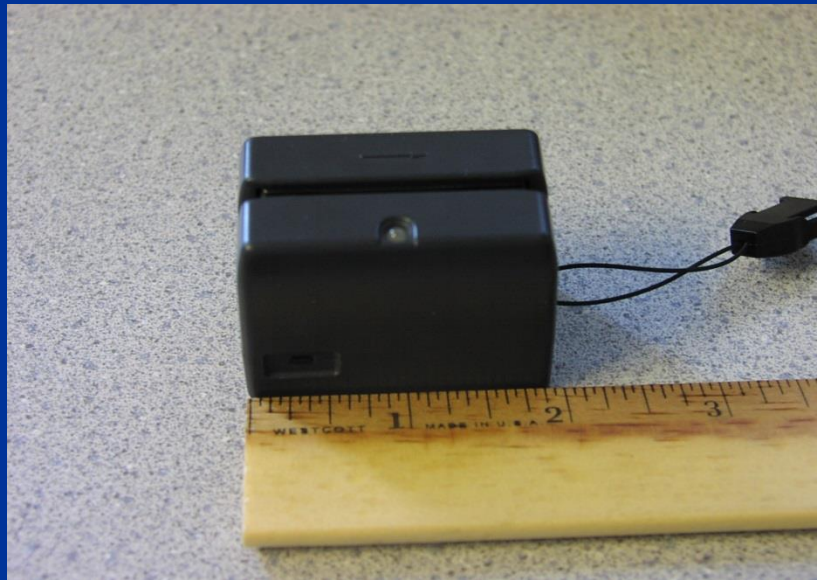
Basic Gas Pump Skimmer:

- Typically a Mini123 hand held skimmer is altered to operate inside a gas pump.
- 512kb of memory, can hold hundreds of track data/card numbers
- Captures track data (account number, expiration date and account holder name).
- Easy to examine with proper software.
- Commercially produced



Basic Gas Pump Skimmer:

Mini123 hand held skimmer





Basic Gas Pump Skimmer:

Typical altered Mini123
skimmer for gas pump use.





Bluetooth skimmers:

- Typically Bluetooth enabled commercial skimmers that are altered to operate in a gas pump
- Can possibly read 3 tracks of data
- Bluetooth signal is usually not left discoverable on device

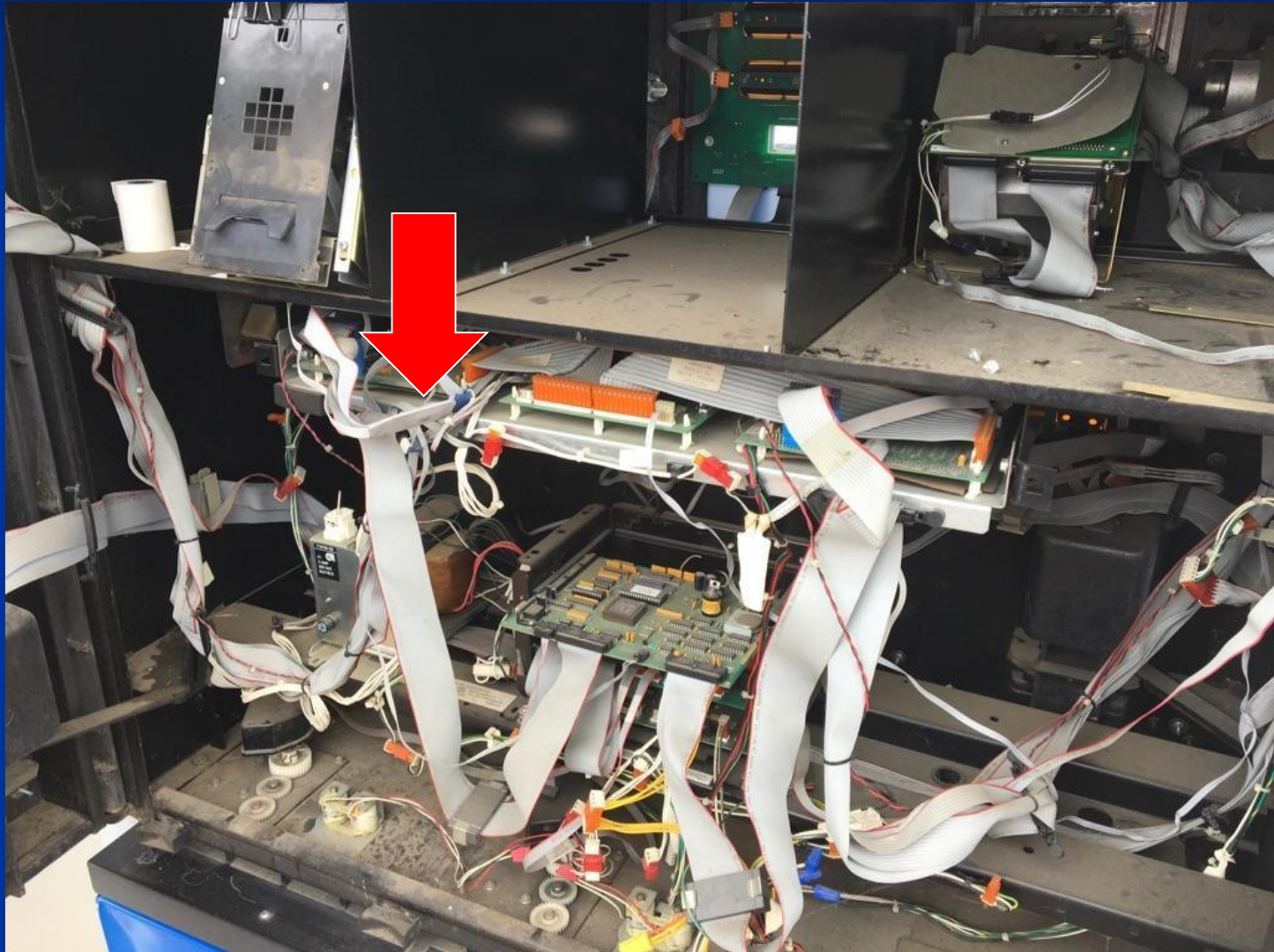


Bluetooth skimmers:

Traditionally, skimmers are installed behind the card reader panel of gas pump terminals.

When conducting a random search of a gas pump in Van, TX, Bluetooth signals were present near the gas pump terminals but skimmers were not found in the normal place behind the card reader. Further inspection of the entire terminal found that the tray containing additional electrical components on the pump is accessible and may slide out. This tray contains electrical components for both sides of the gas pump. In this tray, two Bluetooth skimmers were found – these were attached with the normal components and operated the traditional way, capturing PIN and card data.

Seek and Find



Skimmer located



2017 Ohio Skimmers Clark County



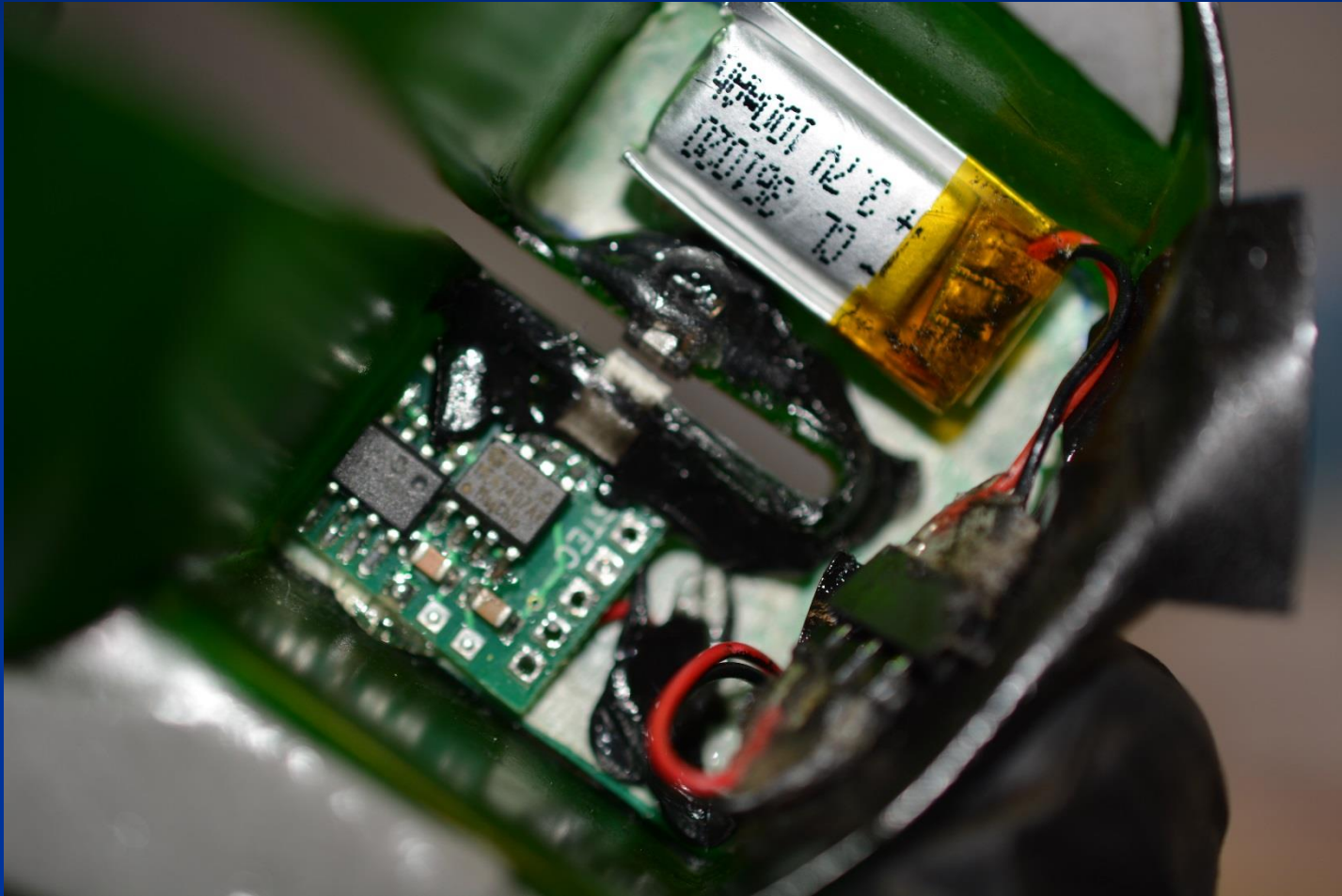
Standard key used to gain entry

Franklin County



Dublin, Ohio

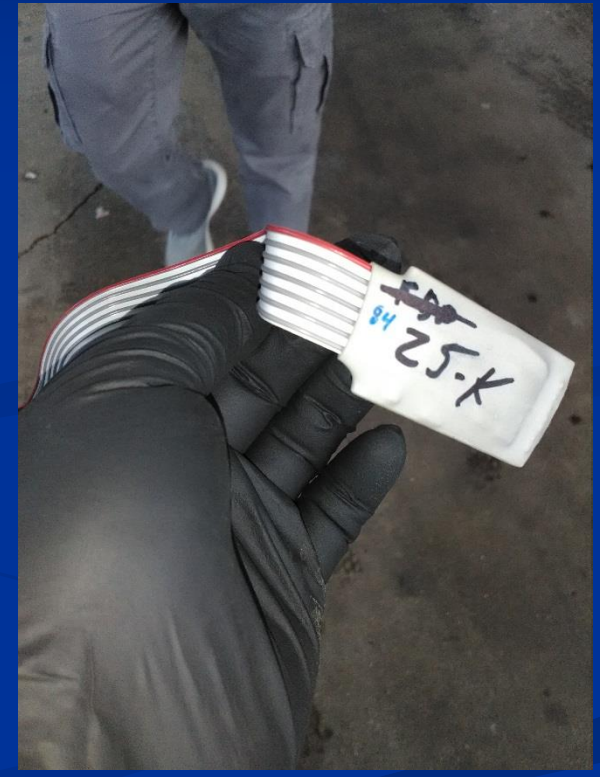
OSU ATM



Delaware County

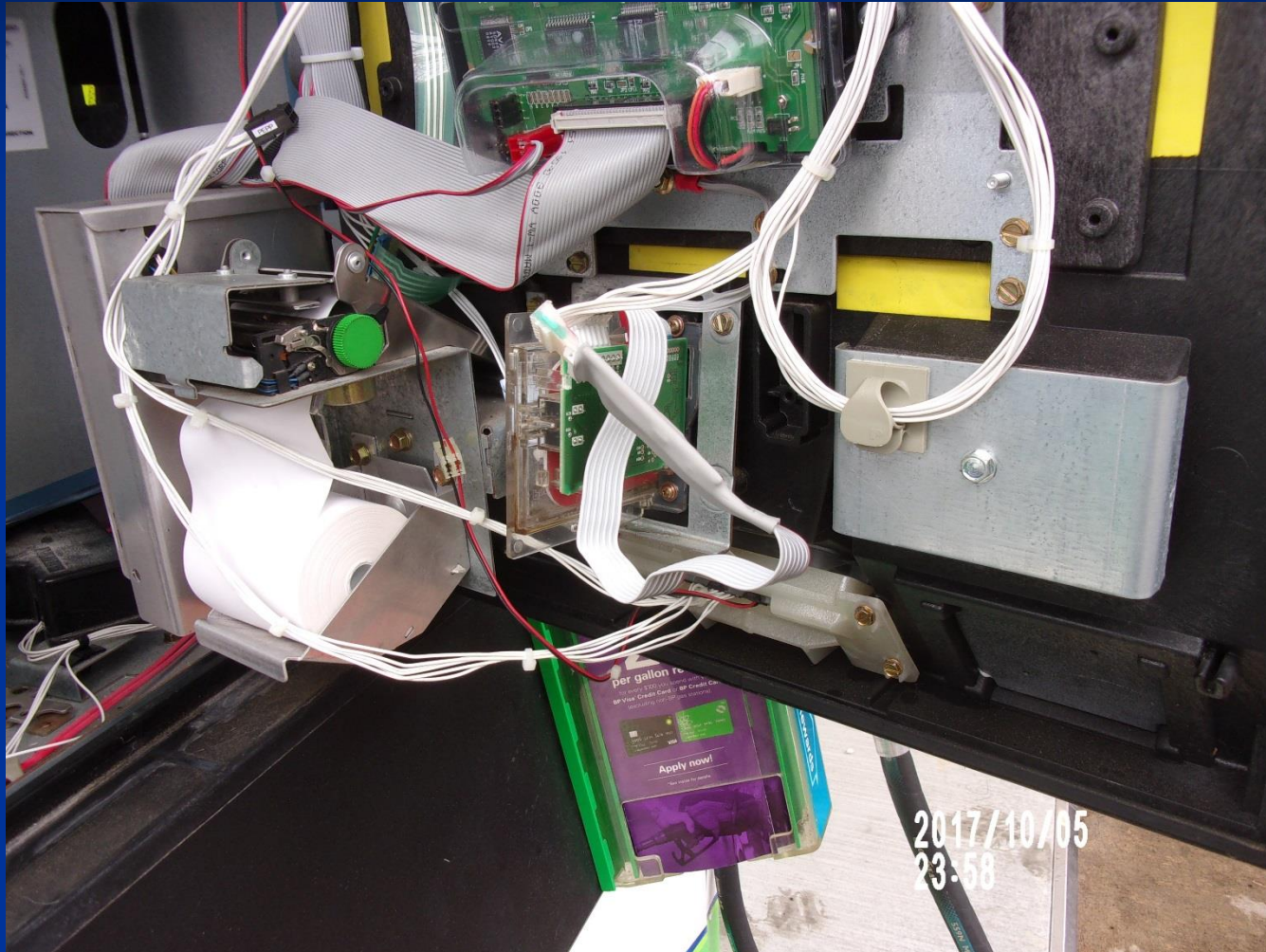


Clermont County



Marathon and BP Gas Stations

Medina County

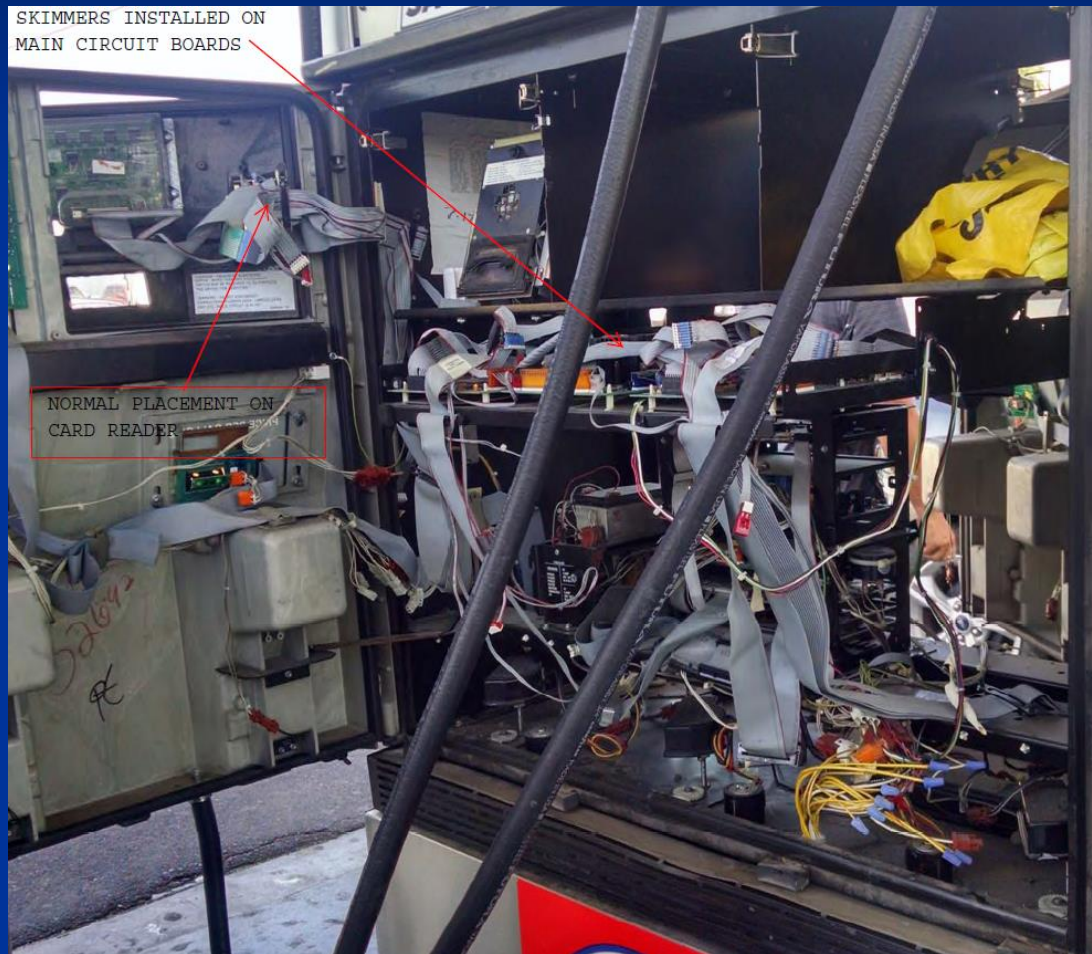


Travel Centers of America

News Video 2015

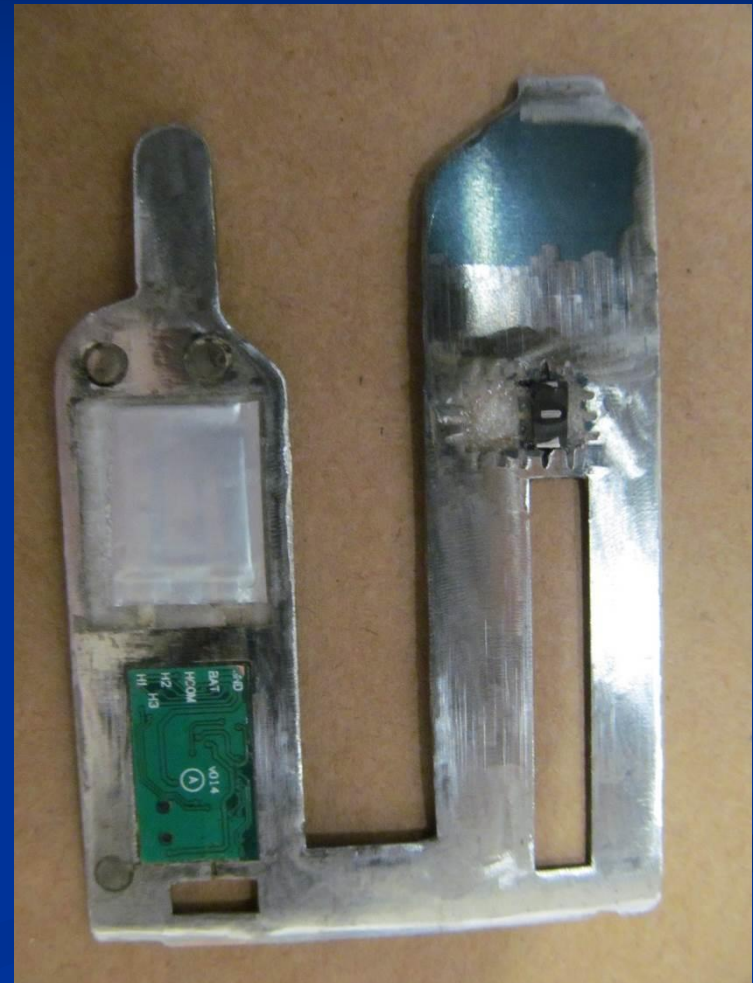
- <http://www.nbcnews.com/nightly-news/use-credit-card-skimmers-gas-stations-atms-exploding-n468216>

Alternate locations



- https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fbrightside.me%2Finspiration-tips-and-tricks%2Fthis-is-what-you-should-know-when-paying-with-your-credit-card-292310%2F%3Futm_source%3Dfb_r69f48%26utm_campaign%3DUltimate%26utm_medium%3Dcpm&data=01%7C01%7Cfaplegate%40dps.ohio.gov%7C8af19d7387364527bdf108d472f11991%7C50f8fcc494d84f0784eb36ed57c7c8a2%7C0&sdata=qwWkQyqc71080VobEgPcYHAWLAIwcPQMuT6V%2ByiGo%2Fo%3D&reserved=0

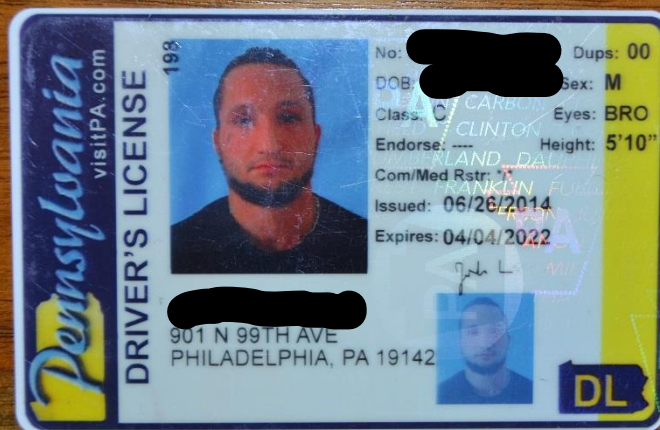
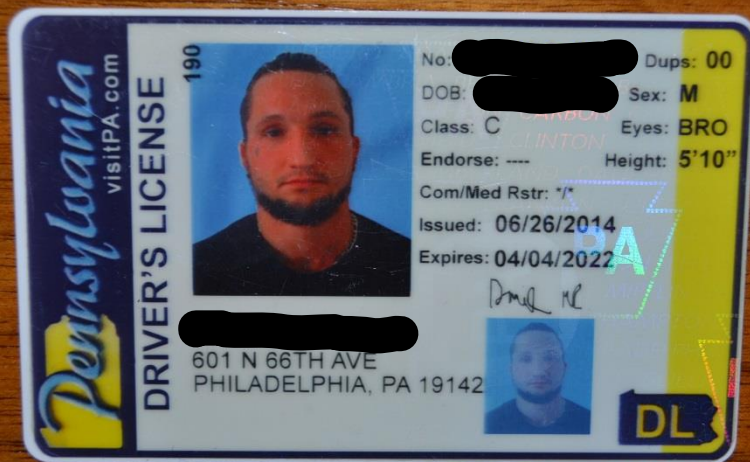
ATM Deep Insert Skimmer



ATM Skimmer case

- Trooper stops vehicle for speeding violation
 - Coming from Dayton, Ohio
 - Surveillance team called ahead
- Canine sniff was performed (positive indication)
- Search of vehicle revealed:
 - Several hundred credit cards
 - Skimming equipment
 - Computer equipment

Suspect



Devices Installed



ATM Skimmer



Suspect Install

12/21/2017 - Suspect placing skimmer on
HNB Strip Ave. Giant Eagle ATM (HB3957)
located at 6493 Strip Ave., N.W., North Canton, Ohio 44720



12/21/2017 08:06:07.43
ATM
Surveillance
StripAve0522495

Card Skimmer



12/21/2017 08:06:01.90
ATM
Surveillance
StripAve0522495

PIN Capture Device



12/21/2017 08:07:16.48
ATM
Surveillance
StripAve0522495



12/21/2017 08:07:22.49
ATM
Surveillance
StripAve0522495

Suspect Install

05/11/2018 - Suspects placing skimmer on
HNB Chippewa ATM (HB3337)
located at 2552 Darlington Rd., Beaver Falls, Pennsylvania 15010



05/11/2018 18:24:41.58
g/u atm
Surveillance
PAS10306chtppewa

Card Skimmer



05/11/2018 18:27:25.54
g/u atm
Surveillance
PAS10306chtppewa

PIN Capture Device



05/11/2018 18:33:44.74
g/u atm
Surveillance
PAS10306chtppewa



05/11/2018 18:33:05.13
g/u atm
Surveillance
PAS10306chtppewa



Responding to possible skimmer or discovery of a Skimmer

- Has the pump already been bagged or has entire gas station management taken turns opening pump/handling device
- Contact local law enforcement (Agency w/ jurisdiction)
- Is there any immediate leads? (vehicle or suspect description, witnesses)



Responding to possible skimmer

- When in doubt request a gas pump technician.
- Contact local the local USSS office if you need further assistance with the skimmer or investigation.
- Gas station surveillance cameras if in existence may or may not provide sufficient leads



Questions

Q&A

Contacts

- USSS Office Locations
- Toledo-419-259-6434
- Cleveland-216-750-2058
- Columbus-614-469-7370
 - TFO Frank Applegate-614-752-4518
- Dayton-937-222-2013
- Cincinnati-513-684-3585