**Informa Business Systems: WHITE PAPER**

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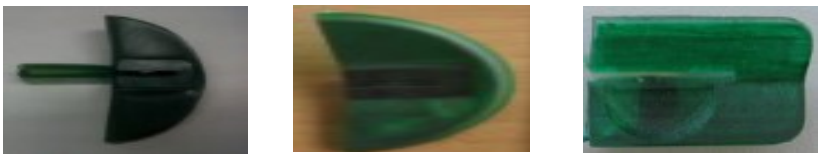
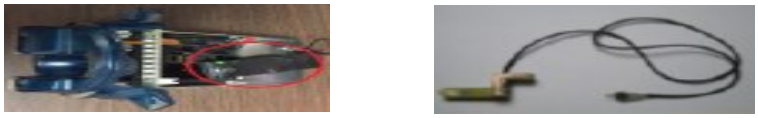
# GUIDE TO RECOGNIZING SKIMMING DEVICES ON YOUR ATMS

Why is this guide Important? So far in 2018 Informa has been made aware of several skimming attacks on ATMs in Michigan. With this rapid increase of skimming attacks in Michigan your staff should inspect the machines daily for skimmers. Use this guide to help identify malicious hardware that may be installed on your institutions machines. Informa recommends that you also inspect your braille stickers and clean the dip card reader at the same time You can purchase cleaning cards from Informa ( pictured below) at (800)643-7489 for $37.50 + taxes/shipping for a box of 50 cards.

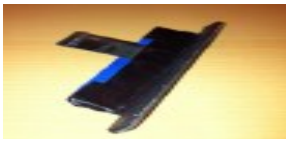

***Create a process for weekly security inspections of your ATM/ITM.***

- Do inspections around card reader areas regularly.
- Check fascia of ATMs for unrecognizable devices.
- Check the keypad, dispenser, deposit area and ADA stickers for any irregularities and suspicious activity.

***Listed below are some of the different ways your machines can be manipulated with a skimming device.***

| AREA TO CHECK | DEVICES TO LOOK FOR | EXAMPLES |
|---|---|---|
| Card Reader Bezel | Overlay skimmer (covers full exterior portion of card bezel) |  |
| Card Reader Bezel | Partial overlay skimmer (covers part of the exterior portion of bezel) |  |
| Card Reader Bezel | Partial overlay skimmer (covers part of exterior portion of bezel) |  |
| Card Reader Bezel | Holes in bezel may be evidence of eavesdropping or tampering with anti-fraud solutions |  |
| Card Reader | Deep insert skimmer (inside card reader) |  |
| Card Reader | Shimming device (inside card reader) |  |
| Card Reader | Unauthorized connections to card reader (eavesdropping) |  |

**Contact your Informa Sales Representative or call us @ 800-643-7489 for more information!**

| AREA TO CHECK | DEVICES TO LOOK FOR | EXAMPLES |
|---|---|---|
| Card Reader Bezel | Card Trapping Device |   |
| Fascia | False Fascia, especially if fascia seems loose |   |
| Fascia and side Panel | Holes in fascia and side panel could be a sign of:<br>1.Eavesdropping<br>2. Deep insert removal attempt<br>3. Black Box attack (if near EPP)<br>4. Anti-skimming solution tampering<br>Hole may be covered in an attempt to conceal it |      |
| Dispenser and Depository Area | Various camera concealments, under molding or in the space between/beside the dispenser or depository slot |   |
| Dispenser and Depository Area | Cash trapping devices |    |
| Above Monitor | Various camera concealments attached above the monitor |    |
| Under Monitor | Camera concealment attached to bottom of monitor |   |
| Inset Area above Pin Pad | In curved/angled area of certain models (e.g. 6616 and 6622e) |   |
| Pin Shield | Camera concealed under shield or shield modified to include a camera |   |

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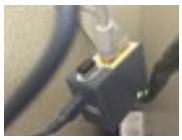
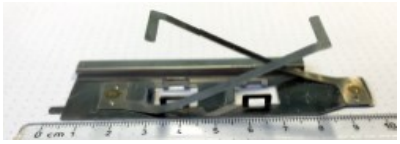
| AREA TO CHECK | DEVICES TO LOOK FOR | EXAMPLES |
|---|---|---|
| Fascia/Surround | Various camera concealments around fascia (could be anything unusual attached to the fascia or surround |    |
| Pin Pad | Pin pad overlays |   |
| EPP | Tampering with or unauthorized removal of EPP |   |
| Communication/ Network Cabling | Unauthorized connections to network cables/router |    |
| USB hub/Dispense Cable | Peripheral device such as a lap-top or handheld mobile device attached to USB hub or dis-penser cable |   |
| Behind Dispenser Shutter | Unauthorized USB device, unauthorized CD ROM or hard drive compromise |  |
| Envelope Depositories | Trapping Device |   |
| No-envelope Depositories | Trapping Device |  |
| All area | Vandalism/visible damage such as chips, cracks, tool marks, glue/tape residue, shutter or belt damage may be evidence a fraud. Vandalism that takes an ATM out of service (e.g. Receipt paper jammed in card reader, glued card reader) should result in careful fraud inspection of sister ATMs. |      |

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