Berkeley Varitronics Systems, Inc. (BVS) sells thousands of wireless TEST, SECURITY, SAFETY and CYBERSECURITY products around the world every year. BVS is a wireless engineering company, but we also bring along our own wireless products to serve law enforcement, government, military, corporate and consumer sectors.

- BVS is a 50-year old, family business
- BVS headquarters located in Metuchen, NJ
- BVS products made in the USA

According to FICO, card skimming fraud has exploded in 2022. Skim Scan™ allows law enforcement, skimmer fraud task forces, weights and measures service agents and owners/managers/operators of gas stations, banks and retailers to detect hidden skimmers instantly. By performing regular scans and audits of all POS payment terminals, ATMs, gas pumps, vending machines and any kiosks, owners can ensure safe and secure shopping for their customers while avoiding lengthy shutdowns during fraud and insurance investigations by authorities.
SKIMMER HISTORY
Criminals have evolved into hackers, updating their games by targeting not just our money, but all of our data as well. CNP (Card Not Present) fraud is on the rise due to emerging scams and technology used to perpetrate credit fraud. Skimmers are essentially homemade magnetic-striped card readers that are installed by criminals and hidden right alongside legitimate card readers. A single swipe is captured by both legitimate card reader and the skimmer which includes name, card number, expiration date and other data associated with their account.

Most skimmers are comprised of 3 primary components: a magnetic reading head, a plastic or metal façade that covers existing card readers and an insert that includes associated circuitry used to power, read and store the data that the skimmer’s magnetic head reads. In addition, most ATM skimmers also include their own keypad overlays or tiny pinhole cameras that record every button press.

All data captured from the magnetic swipe and PIN entry is stored and later retrieved by criminals. Some retrievals require a direct connection to the skimmer while others can be achieved wirelessly from distances up to 75 feet away. Besides the initial installation of the skimmer, the data retrieval is the only other time that criminals leave themselves open to witnesses or capture by authorities so they have increasingly designed their homemade skimmer systems to relay all captured data in a rapid fashion.

Skimming costs consumers over $2 billion worldwide annually.

Over the years, many gas stations and banks have been approached by consumer advocate groups and news media outlets demanding they check their machines for skimmers. The ones that comply are forced to shut down their pumps while authorities tediously comb through each one for hidden skimmers. What if anyone could detect hidden skimmers quickly and effectively?

Some skimmer detectors try to fight skimmers proactively but this requires expensive and time consuming hardware modifications to every single ATM or POS terminal. Skim Scan attacks the problem by streamlining law enforcement procedures and personnel already in place.

What if anyone could detect hidden skimmers quickly and effectively?

Insert Skim Scan into any card reader just as you would any credit or debit card and that’s it. A green light means there’s no skimmer detected and a red light and audible alarm indicates the presence of a skimmer.

Now compare this to the old procedure of obtaining permissions, keys, codes and performing lengthy searches inside every ATM to find hidden skimmers. Many kiosks contain a rat’s nest of wires so visual inspections on every machine isn’t very effective and ties up law enforcement agents. Skim Scan frees up entire teams to perform vital detective work while a single agent can scan many machines instead of only a few in a day.

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