



An ATM deployers conundrum on physical security

your decision processing guide

ATM attacks are on the rise. That's a fact... unfortunately.

The motive behind the increase in ATM attacks is clear. Get to the cash as quickly as one can and get away even faster. Criminals have discovered that the fastest way to do that is by way of blowing up the ATM's safe in order to shower themselves with the rewards. A reward even as low as \$10,000 is worth the effort, as reported by industry experts.

While there are many reports available, none is more comprehensive and pertinent as the [paper](#) prepared by EUCPN (European Crime Prevention Network) on developing an effective approach. Their recommendations focus on PREVENTION, pertinent at a global level.

As physical ATM attacks are not limited to bank locations, numbers show a rise in remote ATM explosions.

Explosives

Burglary

Hook & chain attacks

Ram raid





This document will help to highlight key myths surrounding ATM physical security and how best to embrace prevention.

Let's start with some industry reported data.

Collateral damage repairs can be very costly, sometimes even as high as \$200K.	\$200,000 per incident	EU financial institutions reported losses in excess of €30M ¹ in one year.
Some countries experience as many as two explosions per week.	2 per week	€30,000,000 in losses
Thru-the-wall ATMs are most exposed. Average replacement costs will vary.	\$25k-\$45k per ATM	Increase the risk. Increase the effort. Reduce the reward.

¹ EUCPN report



Insurance will cover

While insurance is a must have for an ATM network, there can never be enough coverage for loss of human life.

Insurance is one of the highest costs in running an ATM channel, right next to cash operations. While insurance fees may cover the damage associated with an explosive attack, no amount is sufficient to cover for a lost life. An operational trade-off is to keep less cash at the ATM which may impact the customer. By embracing a PREVENTATIVE approach, explosive deterrent solutions may help to keep insurance costs down, not to mention the impact of collateral damage.

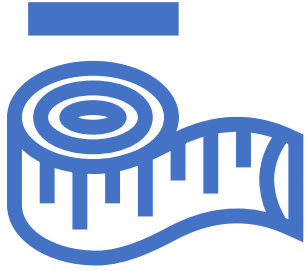


Surveillance is sufficient

A viable deterrent when coupled with 24x7x365 surveillance and law enforcement intervention.

Remote video surveillance can be extremely impactful only when coupled with law enforcement responsiveness. Organised Crime Groups (OCGs) spend days scouting an attack, looking for vulnerabilities in ATM security. With early warning detection and safe access prevention solutions, the risk and effort it takes to get to the cash is greatly increased. Buying time so that first responders can intervene in a timely fashion, makes for a very powerful ATM explosive deterrent.





One size isn't a good fit for all

Because ATM security is complex, one needs to adopt a “complementary” or stacked solution.

Assess the risk. Weigh out the cost of investment against cost of collateral damage. Take into account lost business revenue and brand impact. Treat each ATM site as unique. As criminals are always looking for new ways to get quick access with the highest cash reward, look at a multi-layered protection strategy, down to the ATM site. This approach will not only reinforce the ATM's security level but will also protect against most of the attack vectors known today.





It won't happen to my network

Using explosives to get to an ATM's cash is not limited to a bank, a make/model, or even an individual country.

Laws associated with ATM crimes varies significantly between countries and may even be a catalyst to pushing criminals across the border, becoming far more challenging to intercept. Central Banks can play an important role by supporting a PREVENTION FIRST strategy as well as imposing stricter restrictions on the circulation of stained bank notes. Industry experts predict further unrest in countries which have been historically immune to ATM explosive attacks.



No current funding available

Security enhancements can be funded from the savings of ATM and collateral damage avoidance after an explosive attack.

With a limited number of preventative solutions on the market today, one key attribute that defines the selection criteria is achieving the highest return on investment (ROI) in the shortest possible time. When looking at the big cost picture of an ATM explosion, considerations need to be made not only for building repairs but also ATM repair / replacement, lost footprint and revenue, brand impact, staff well-being, increased insurance premiums, and more.



Which customer experience would you prefer?





Learn more about ATM explosion prevention

InfoMATservices.com