



Technology applied to CIT security

Prosegur

12/04/12



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Cross-pavement. The traditional approach still very difficult to beat



- 🌐 Highly trained crew
- 🌐 Adequate number of crew members for the risk of the location and time frame
- 🌐 Weapons
- 🌐 Bullet proof vest
- 🌐 Cassette swap for ATM in order to speed up the operation

- 🌐 No matter how adverse is the security environment, cross-pavement risk can be reduced to acceptable levels with the “traditional approach”
- 🌐 In South-America, where the “traditional approach” is market standar, cross-pavement risk ratios are way better than in Europe



Approach A

Neutralizing notes will prevent attacks as there will be no benefit for the criminals

Ink & Glue systems



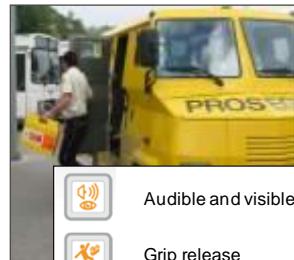
Unsatisfactory results in France

- Cross-pavement risk unarmed protected with IBNS
- Loading of ATMs with a technician unarmed (Dabiste)

Approach B

Retaining the valuables in the scene of the attack increases the risk for the criminal

Heat + Smoke + Noise...



- Audible and visible signal (smoke)
- Grip release
- Box exterior heated
- Notes neutralisation, partially burned and stained

Improvement from previous situation in Portugal, but, definitively not enough

- Reduction of pavements attacks
- Displacement towards attacks in the back-office of the retailer and ATMs
- Only armed escorts have reduced ATM attacks



Vehicle risk. The traditional approach still very difficult to beat



- The most effective way to react to an attack on the vehicle is driving away
 - Weight is important in order to remove obstacles on the road
 - Armoring is key in order to let the driver drive
- Training makes the difference
- Unfortunately, most times the attackers are better equipped in terms of weapons



Prosegur experience with vehicle technology. Foam dispensing unit

Activation and Liquids Mixing

2 – 5 sec.

+

Expansion and Solidification

30 sec.



Foam dispensing unit

- Objective: to retain valuables at the scene of the attack
- No real experience in Prosegur of an attack to a truck equipped with it (and hoping not to get it)

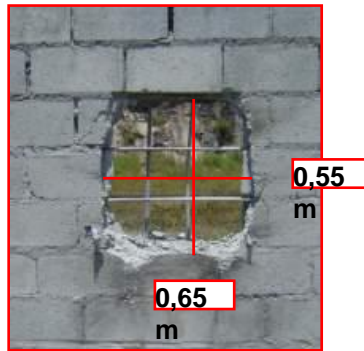


Remote control of the vault

- Removing control of the access to the vault to the crew has proved to be very successful
- Specially critical in non-urban areas



Cash-center. The traditional approach still very difficult to beat



Detection, remote monitoring and remote access control

- 🌐 Prevention of tiger kidnapping
- 🌐 Reaction

Controlled access delay

- 🌐 Iron bars within concrete support plastic explosive
- 🌐 Anti rump-amp

Fog generators

- 🌐 Activated before attackers are inside

- 🌐 No real experience of attack to cash centers with those standards
- 🌐 Training and execution are critical



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