



Cash Protection Technologies

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Summary

- Use of IBNS – Why do we use them
- IBNS & Supplier Limitations
- Innovation
- The theory of IBNS
- Conclusion



Use of IBNS - Why do we use them

- To transport monies/valuables to and from customers in a secure and safe manner.
- To give protection to our employees against attack.
- To deter any would be attackers from stealing the monies/valuables within the IBNS.
- To “destroy” the contents of the IBNS at the point of attack or any unauthorised access into the IBNS.



Supplier and IBNS limitations

- One IBNS does not fit all operations, so there are limitations to what the IBNS can do. (size, weight, configuration, volume etc...)
- Cottage industry – no main factory to “build for the future”
- From experience the IBNS does not fully deter attackers.
- CIT Customers require IBNS to conduct the service as they do not want firearms in their premises. (Country Specifications)

Supplier and IBNS limitations

- The cash can still be used after an IBNS activation. (Automatic payment machines, change machines)
- This is not helped by how cash is packed. (plastic bags, ECB packing)
- Manufacturers' normally state that any false activation is a result of “crew error” and do not blame their equipment. This is then an additional cost to the customer
- Cost, due to the complicated systems that are in use some IBNS are cost restrictive.

Innovation

- There is a need to have an IBNS system that protects and deters from attack.
- Cash should be rendered “useless” once involved in an “activation” of an IBNS.
- DNA marker to provide “evidence” for police to prosecute.
- Banks/customers must be informed not to accept “dyed notes” etc..)
- Tracking of IBNS’ is important

Attackers vs. Reward

- Increasing Perceived Efforts - Make “him” work harder.
- Increasing Perceived Risk – Make it more risky
- Reducing Anticipated Rewards – Reduce his rewards



- “Is it worth doing this attack if I am only going to get “stained” notes and if I am captured is it worth the risk”

Conclusion

IBNS is one of the security items that is used to provide a safe and secure transportation of cash on a daily basis, but do we really need it?

– **yes** –

But the industry requires an IBNS that is reliable, efficient, robust and should not be cost prohibitive.

Thank you for listening!

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