



Physical
Security

Stephen
"ToxicSauce"
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Physical Security

or "Why is that man in my server room"

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September 12, 2016

2016-09-12

Physical Security

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What is Physical Security

- ▶ Controlling physical access to something
- ▶ Normally used in the context of a building or room

Note:

Any type of Security is a balance between security, and convenience of access

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Physical Security

└─What is Physical Security

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Physical Security

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└ Primary Elements of Physical Security

- ▶ Physical Structure of Building and Site
 - ▶ Doors
 - ▶ Windows
 - ▶ Walls
 - ▶ Roofs
 - ▶ Floors
 - ▶ Perimeter of Property

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 - ▶ Floors
 - ▶ Perimeter of Property



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Primary Elements of Physical Security

- ▶ Secure Elements of Building
 - ▶ Locks and Keys
 - ▶ Other Access Control
 - ▶ Man Traps
 - ▶ Vehicle Gates

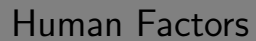
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└ Primary Elements of Physical Security

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- ▶ Security Guards
- ▶ Other Employees

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Physical Security

└ Human Factors

Human Factors

- ▶ Security Guards
- ▶ Other Employees



Security Guards

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└ Security Guards

1. is there a way around the guards
2. how attentive are they
3. are they getting distracted

Security Guards





Other Employees

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└ Other Employees

1. tailgating
2. social engineering
3. bribery

Other Employees





doors

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- ▶ frame gap
- ▶ REX sensor
- ▶ lock — fail safe or deadly
- ▶ hinges
- ▶ door fit



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└ doors

doors

- ▶ frame gap
- ▶ REX sensor
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1. <https://www.youtube.com/watch?v=SD14A04ancI>



Windows

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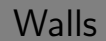
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└─ Windows

Windows



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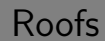
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└ Walls

Walls



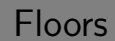
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└ Roofs

Roofs



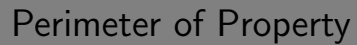
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└ Floors

Floors



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- ▶ vehicle gates

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└ Perimeter of Property

Perimeter of Property

- ▶ vehicle gates



Locks and Keys

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- ▶ most locks are shit
- ▶ almost all padlocks are shit
- ▶ good locks are not infallible
- ▶ master keys/recoverable locks
- ▶ keyboxen — knox boxen

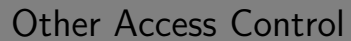
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└ Locks and Keys

Locks and Keys

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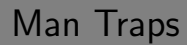
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- Other Access Control

Other Access Control



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└─Man Traps

Man Traps



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- ▶ <http://www.securityguardpedia.com/wp-content/uploads/2015/02/Security-Guard-East-Region.jpg>
- ▶ <http://kudos-security.com/wp-content/uploads/2015/06/TAILGATING.png>
- ▶ http://cms.dsc.com/media/products/lthumbs/i_T-REX.jpg
- ▶ <https://www.youtube.com/watch?v=4YYvBLAF4T8>

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References

References

- <http://www.securityguardpedia.com/wp-content/uploads/2015/02/Security-Guard-East-Region.jpg>
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