Physical Security & Cryptography

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Now on to physical security

◆ Relate physical security to computer security
  • Locks, safes, etc

◆ Why?
  • More similar than you might think!!
  • Lots to learn:
    – Computer security issues are often very abstract; hard to relate to
    – But physical security issues are often easier to understand
  • Our perspective:
    – Thinking about the “physical world” in new (security) ways will help you further develop the “security mindset”
    – You can then apply this mindset to computer systems, ...
  • (Communities can learn from each other)
Not Online

- The following slides will not be online
- But if you’re interested in the subject, we recommend
  - Blaze, “Cryptology and Physical Security: Rights Amplification in Master-Keyed Mechanical Locks”
  - Blaze, “Safecracking for the Computer Scientist”
  - Tool, “Guide to Lock Picking”
  - Tobias, “Opening Locks by Bumping in Five Seconds or Less”
  - Long, “No tech hacking” (Video from DEFCON 2007) http://www.youtube.com/watch?v=5CWrzVJYLLWw