I’ll Let Myself In
Tactics of Physical Pen Testers

Deviant Ollam
SANS HackFest - 2016/11/03
Who Am I?
Security Consultant By Day
Criminal Consultant By Night
Basically... I’m Professionally Dangerous
Why Does Physical Security Matter?
All of your firewall rules...
All of your firewall rules... can be compromised
All your hard work here...
All your hard work here... gets undermined here.
Hands-On Attacks are Possible On-Site
Not To Mention... Outright Theft, Damage, and Tampering
Locks as Seals
Has Anyone Been In Here?
Reef Knot
Thief Knot
Has Anyone Been In Here?
Intro to Lockpicking
Pin Tumbler Locks
Pin Tumbler Locks
Pin Tumbler Locks
Outer View

Housing / Shell
Outer View

Housing / Shell

Plug
Outer View

Housing / Shell

Keyway

Plug
Outer View
Inner View
Inner View

Driver Pin

Key Pin
Inner View

Driver Pin

Key Pin
Inner View

- Spring
- Driver Pin
- Key Pin
Attempt Without a Key
Attempt Without a Key
Attempt Without a Key
Operating With a Key
Pin Stacks
Key Operation
One Bitting Too Low
One Bitting Too High
In a Perfect World
In the Real World
In the Real World
In the Real World
In the Real World
“Setting” a Binding Pin
Setting Multiple Pins
But Why Pick When You Can Bypass?
Hinge Removal
Hinge Removal
Security Hinges & Jamb Pin Screws
Security Hinges & Jamb Pin Screws
Security Hinges & Jamb Pin Screws
Security Hinges & Jamb Pin Screws
Security Hinges & Jamb Pin Screws
Security Hinges & Jamb Pin Screws
Door Latch Attacks
Door Latch Attacks
Door Latch Attacks
Shrum Tools / Traveler Hooks
Shrum Tools / Traveler Hooks
Shrum Tools / Traveler Hooks
Slimjim Tools
Slimjim Tools
Protective Plates?
Dead Latches
Dead Latches
Dead Latches
Dead Latches
Dead Latches
Dead Latches
Dead Latches Rely on Proper Door Fitment
Door Fitment
Door Fitment
Door Fitment
Door Fitment
Crash Bars
Crash Bars
Crash Bars

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Crash Bars
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What Could This Site Have Done?
Deadbolt with Thumb Turn
Thumb Turn Flipper
Thumb Turn Flipper
Edge Gaps and Motion Sensors
Edge Gaps and Motion Sensors
Edge Gaps and Motion Sensors
Edge Gaps and Motion Sensors
Edge Gaps and Motion Sensors
Request-to-Exit (REX) Sensors

Passive Infrared (PIR)
Range Controlled Radar
Hybrid of Both
Request-to-Exit (REX) Sensors
Request-to-Exit (REX) Sensors
Modern Door Lever Style Handles
Under Door Attacks
Under Door Attacks
Under Door Attacks
Under Door Attacks
Under Door Attacks
Under Door Attack Prevention - Dynamic Door Bottom
Under Door Attack Prevention - Security Door Bottom
Under Door Attack Prevention - Blocking Shroud
Under Door Attack Prevention
Under Door Attack Prevention - Blocking Clips
Under Door Attack Prevention - Blocking Clips
Under Door Attack Prevention

Prime-Line

1 in. High White Adjustable Bypass Door Guide

$3.56 / each

- Ship to Home FREE with $45 order
- Estimated Arrival: AUG 24
- See Shipping Options
- Ship to Store FREE
- Available for Pick Up: AUG 23 - AUG 26

Add To Cart

Save To My List

Item cannot be shipped to the following state(s):
- GU, HI, AK, PR

Recommended Items
- Product Overview
- Specifications
- Questions & Answers
- Customer Reviews

CUSTOMERS WHO VIEWED THIS ITEM BOUGHT...

- Prime-Line Nylon/Steel Bypass Door Guide...
  - $2.57 / each
- Prime-Line 1 in. H Bi-Pass Dark Brown Door...
  - $4.16 / each
- Prime-Line 1 in. H Tan Closet Door...
  - $3.87 / each
- Prime-Line Sliding Wardrobe Door Nylon...
  - $2.67 / each
- Prime-Line Adjustable Floor-Mounted Bottom...
Thinking Critically About Your Doors
A Door With Problems
A Door With Problems
Magnetic Lock Systems
Magnetic Lock Systems
Magnetic Lock Systems
Magnetic Lock Systems
Threats Come From All Angles
Cloning Electronic Credentials
Cloning Electronic Credentials
Cloning Electronic Credentials
Cloning Electronic Credentials
Cloning Electronic Credentials
Cloning Electronic Credentials
Fixes Are Usually Straightforward
Finding and Correcting Problems
Finding and Correcting Problems
Finding and Correcting Problems
Finding and Correcting Problems
Usually, Your Solution Doesn’t Look Like This
Solutions Are More Typically Found Here
Want An Inspection or Just Advice... We’re Here
Stay Safe Out
Thank You Very Much

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(PGP keys on major servers)