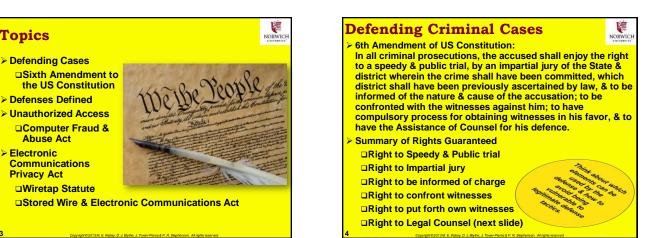
# Legal Issues in Cybercrime Cases: Unauthorized Access

### CJ341 – Cyberlaw & Cybercrime Lecture #22

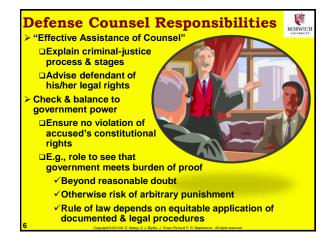
M. E. Kabay, PhD, CISSP-ISSMP D. J. Blythe, JD School of Business & Management





### Right to Legal Counsel

- Drafters of Constitution didn't explain scope of right
- Pre-1930s: two enacted statutory provisions suggested limitations on right to representation
- Post-1930s: evolution to absolute right to counsel
- Gideon v. Wainwright unanimous Supreme Court held "that in our adversary system of criminal justice, any person haled into court, who is too poor to hire a lawyer, cannot be assured a fair trial unless counsel is provided for him."
- □Right at federal & state levels
- Recently defined as applicable to misdemeanors where imprisonment can be imposed
- □Also applies to felonies



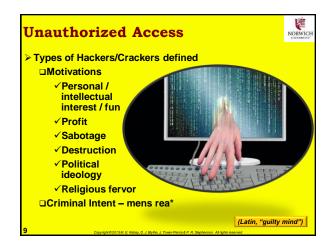
### **Defense Counsel (cont'd)**

- > Negotiation on behalf of defendant
- Handle matters from arraignment to sentencing Inquiring/investigating into facts/evidence
  - □Cross-examining of witnesses □Raising objections
  - ✓ Improper evidence
  - ✓ Improper process
  - ✓ Improper process
  - □Preserving issues for
  - appeal
  - Presenting legal defenses

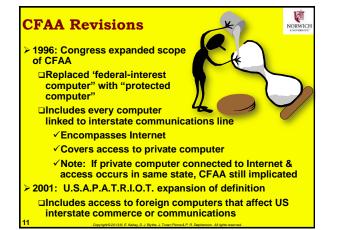


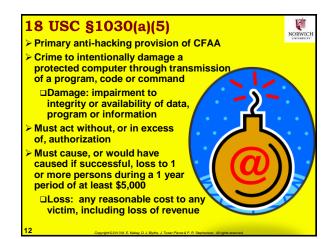
AW & ORDER

- Defenses ➤ Defenses may be alleged to avoid criminal or civil liability □Work to limit or excuse liability
  - Work to limit or excuse liability
    Types of criminal defenses
    Innocence (i.e. didn't commit the crime)
    Justification or excuse (i.e., did it, but...)
    ✓ e.g., self-defense, insanity
    Procedural (e.g., evidence suppression / fruit of polsonous tree)
    Innovative or creative (e.g., post-partum depression, involuntarily drugged, ate too many Twinkies™)
    Examples of civil defenses
    Lack of jurisdiction
    Failure to state a claim
    8 Statute of Limitations





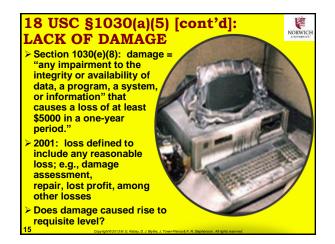


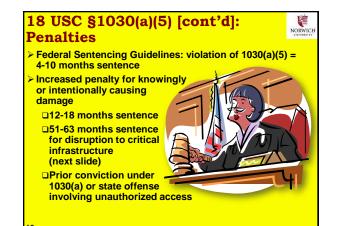


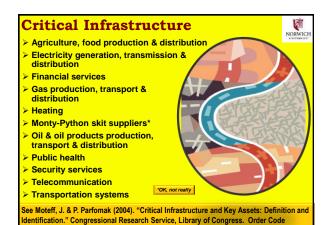
#### 18 USC §1030(a)(5) [cont'd]: 稿 18 USC §1030(a)(5) [cont'd] INTENT May also be liable if causes damage that If intent to access is found (even if no intent to damage) – can be convicted of misdemeanor □Potentially or actually modified or impaired medical I.e., no defense to CFAA treatment charge to claim "I didn't □Causes physical injury mean to cause resulting Threatens public health or safety damage" if intentionally accessed computer Damages a computer used by or for national security Before amendments: whether intent element 1996: Amendments tried to limit went to access or resulting available defenses damage was ambiguous > 2001: USA PATRIOT Act tried to U.S. v. Morris: Robert T. Morris\* launched destructive broaden scope of culpable conduct program Nov 2, 1988, but didn't intend to cause damage, & eliminate selected intent requirements only wanted to show vulnerabilities; □Goal: easier prosecutions Court convicted Morris of felony, concluding that "intent"

element applied to access \* NOT JR!

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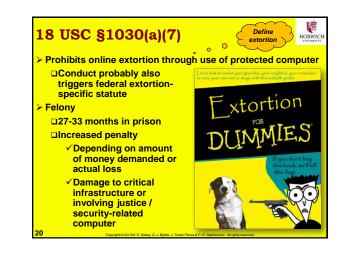
RL32631. < http://www.fas.org/sgp/crs/RL32631.pdf >

US v. Heim (2006) Oct. 2006: California defendant, Jay Heim (47 yrs old), sentenced in federal Court for violating §1030(a)(5), for recklessly damaging a protected computer Heim was founding partner & employee of Facility Automation Systems (FAS) Left company in March 2005 In Jan 2006, used FAS' assigned username & password for its FACILITY Internet domain & redirected all FAS Internet traffic, including e-mail to a server at his new employer He knew redirection of traffic would make Web site & e-mail services inaccessible Cost to FAS: productivity & service restoration >\$6K Heim sentenced to 2 vrs probation + \$500 fine & restitution to FAS (\$6.050) http://www.cybercrime.gov/heimSent.htm

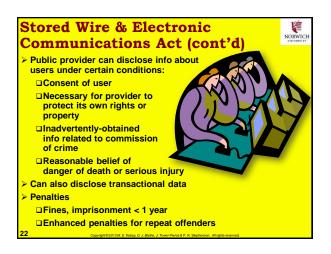
18 USC §1030(a)(5) [cont'd]:

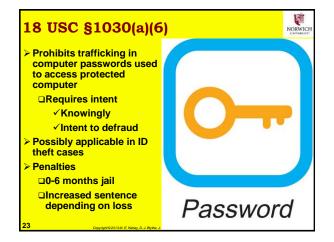
## 18 USC §1030(a)(2)

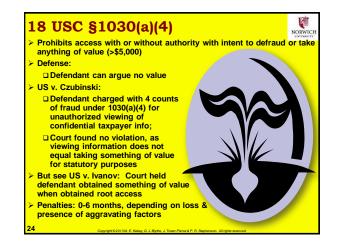
- Prohibits obtaining, without, or in excess of, authorization, information from a financial institution, the federal government, or a protected computer involved in interstate or foreign communication
  - "Reading"/viewing info suffices
  - Copying or alteration not required
- Penalties
  - Usually a misdemeanor: 0-6 months under sentencing guidelines (probation)
  - □Felony if: in furtherance of commercial gain or other crime, or loss >\$5,000
  - □Up to 5 years prison











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## 18 USC §1030(a)(3)

- Prohibits intentionally accessing a nonpublic computer of a US department or agency without authorization
- Penalties
  - □0-6 months, □More possible depending on loss & type of government computer
- Possible defenses
- □Lacked intent to access □Not US department or agency computer





### Wiretap Statute (18 USC §2511)

- Formulated 1968 & extended by ECPA 1986
- Prohibits interception & disclosure of wire, oral, or electronic communication\* <u>consent of one party sufficient</u>
  - □Includes e-mail, voicemail, cell phones, satellite signals
  - Includes e-mail interception, tapping cell phones
    - ✓E.g., 2005: Paris Hilton's cell phone hacked\*\*

□Penalties

- ✓ Fine, 4-10 months sentence
- ✓ Increased penalty for
- commercial gain
  - \*\* http://abcnews.go.com/Technology/WNT/story?id=545734&page=1

