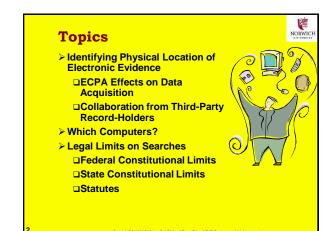


CJ341 – Cyberlaw & Cybercrime Lecture #17

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



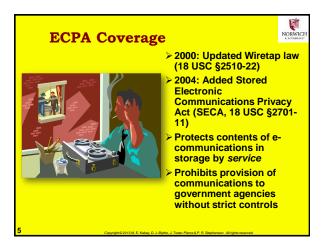
#### Identifying Physical Location of Electronic Evidence

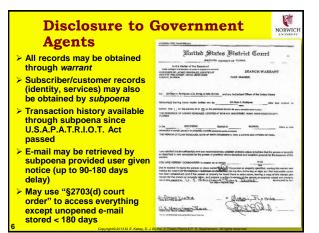
- General Principles
- ECPA Effects on Data Acquisition
  - Coverage
  - Disclosure to Government Agents
  - Contents of Electronic Communications
  - □ Violations of the ECPA
- Collaboration from Third-Party Record-Holders
  - Finding the Records
  - □ Evaluating Utility of Records
  - □ Authenticating Records
  - □ Obtaining Records
  - □ Contacting ISP & Serving Papers



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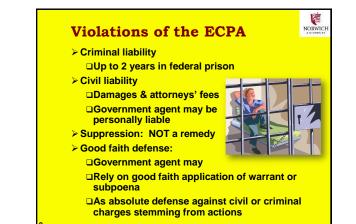


#### Contents of Electronic Communications

- Agreement of one party in electronic communication suffices for legal disclosure
- Take that fact into account when you are writing e-mail
  - □In general, when writing with employee userID, all e-mail must be considered equivalent to using company letterhead □All official e-mail may become



evidence in a court of law > When writing informally using your own address, remember that everything on Internet is POTENTIALLY PERMANENT and may affect your future employment prospects



**Evaluating Utility of Records** NOR But look for > Records may not be available video camera □Typically 30-60 day retention of log recordings records Dynamic IP addresses may make identification difficult for older evidence > Some records may originate in public computers that are effectively anonymous □Business services (e.g., Kinko's) Libraries, Internet cafés □Wireless services □Hijacked services □Anonymizers

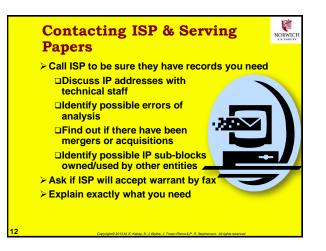


#### Obtaining Records > Typically obtain search warrant Better than subpoena Can obtain any records at all Avoids problem of more restrictive state laws that require warrant > So why not use a warrant? Might not have probable

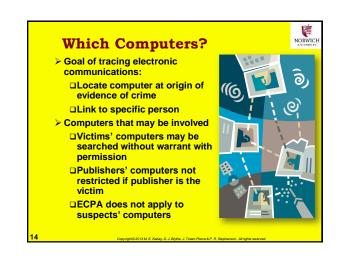
cause Difficulty getting warrant across state lines

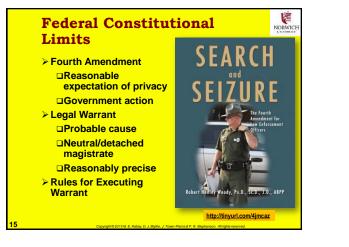


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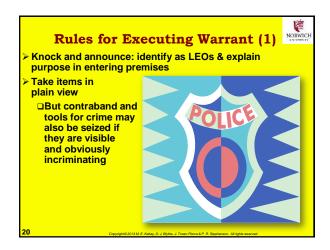


# Legal Warrant

- □ Evidence of a crime
- □ *Likelihood* that evidence will be found in location to be



- May need circumstantial evidence such as time stamps, stakeout
- > Neutral/detached magistrate
  - □Who has authority for warrant location □Watch out for cross-state jurisdiction
- > Reasonably precise
  - General description may lead to suppression
  - Best to mention computers & media explicitly







#### 隐 福 **Statutes Statutes: PPA** PPA passed to further restrict warrants > ECPA (as discussed above) □Privacy Protection Act (42 USC > Zurcher v. Stanford Daily §2000aa) LEOs had warrant to search □Passed in 2000 student newspaper's computer Any material intended for publication or broadcasting requires a subpoena for pictures of political demonstration SCOTUS ruled that 1st Exceptions Amendment issues did not ✓Contraband, fruits or tools further limit warranted searches for crime Preventing imminent death or injury And neither is this. Material held by target of investigation This is not a statute. ✓ Child pornography



