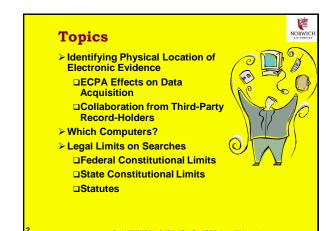


CJ341 – Cyberlaw & Cybercrime Lecture #17

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



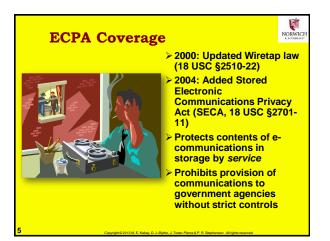
Identifying Physical Location of Electronic Evidence

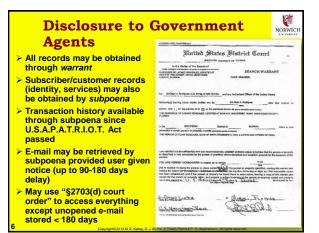
- General Principles
- ECPA Effects on Data Acquisition
 - Coverage
 - Disclosure to Government Agents
 - Contents of Electronic Communications
 - □ Violations of the ECPA
- Collaboration from Third-Party Record-Holders
 - Finding the Records
 - □ Evaluating Utility of Records
 - □ Authenticating Records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



NORWIC





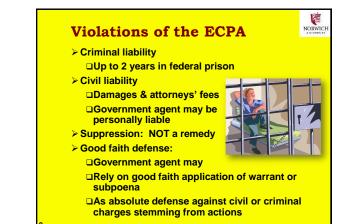


Contents of Electronic Communications

- 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

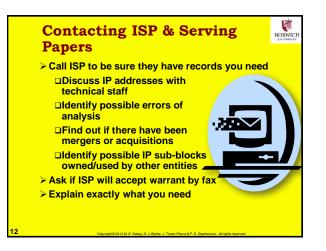


Obtaining Records > Typically obtain search warrant Better than subpoena Can obtain any records at all Avoids problem of more restrictive state laws that require warrant > So why not use a warrant? Might not have probable

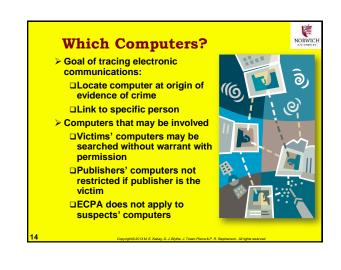
cause Difficulty getting warrant across state lines

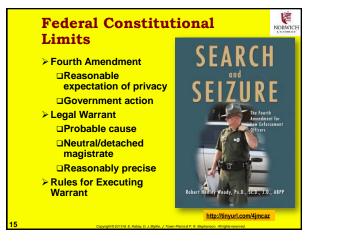


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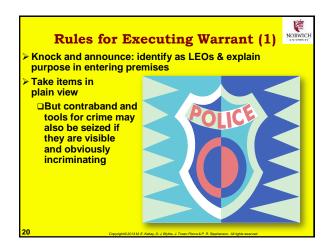


Legal Warrant

- □ 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



