1. Intro: September 11, 2001 impacted the United State or Russian Deep Cover case
2. Definition of Intranet
3. Basic Lay out
4. Wired Network
	1. I would have a wired network, no wireless, and I would evaluate the age and location of the building: Pg. 426 wired only
	2. ***Potential Conflicts*** pg. 427:
		1. **Physical**-isolate ideally do not have buildings or spaces next to each other.
			1. Medal Conduit
			2. Printers on the switch
			3. Optical fiber that is category 6
			4. Newest and most advanced systems
			5. RJ-45 socket—with diagrams and security measures to make sure that NO extra sockets are installed. Keep a running list of jacks-- RJ-45 socket
			6. Ethernet switches-- Pg. 426 wired only
			7. DMZ zone
		2. **Mechanical**-lock the building doors thus all devices must be wired.
			1. NO USBs, CDs, etc. unless authorized
			2. Locks on switches, towers, etc.
		3. **Logical**- restrict network traffic to the suite
			1. Integrity with software and IDSs
			2. Logical well-defined, carefully designed that is simple but well-designed with schematics that are updated as changes are made.
			3. Disable all open ports
		4. **Functional**- provide no risky actions to the network
		5. **Procedural**-Only those given access have authorization to enter the space with hard copy notebooks that are in locked doors that only authorized personnel can access.
		6. **Cryptographic**-use crypto to shield information.
		7. **Employees**
			1. Background checks
			2. Mandatory vacations