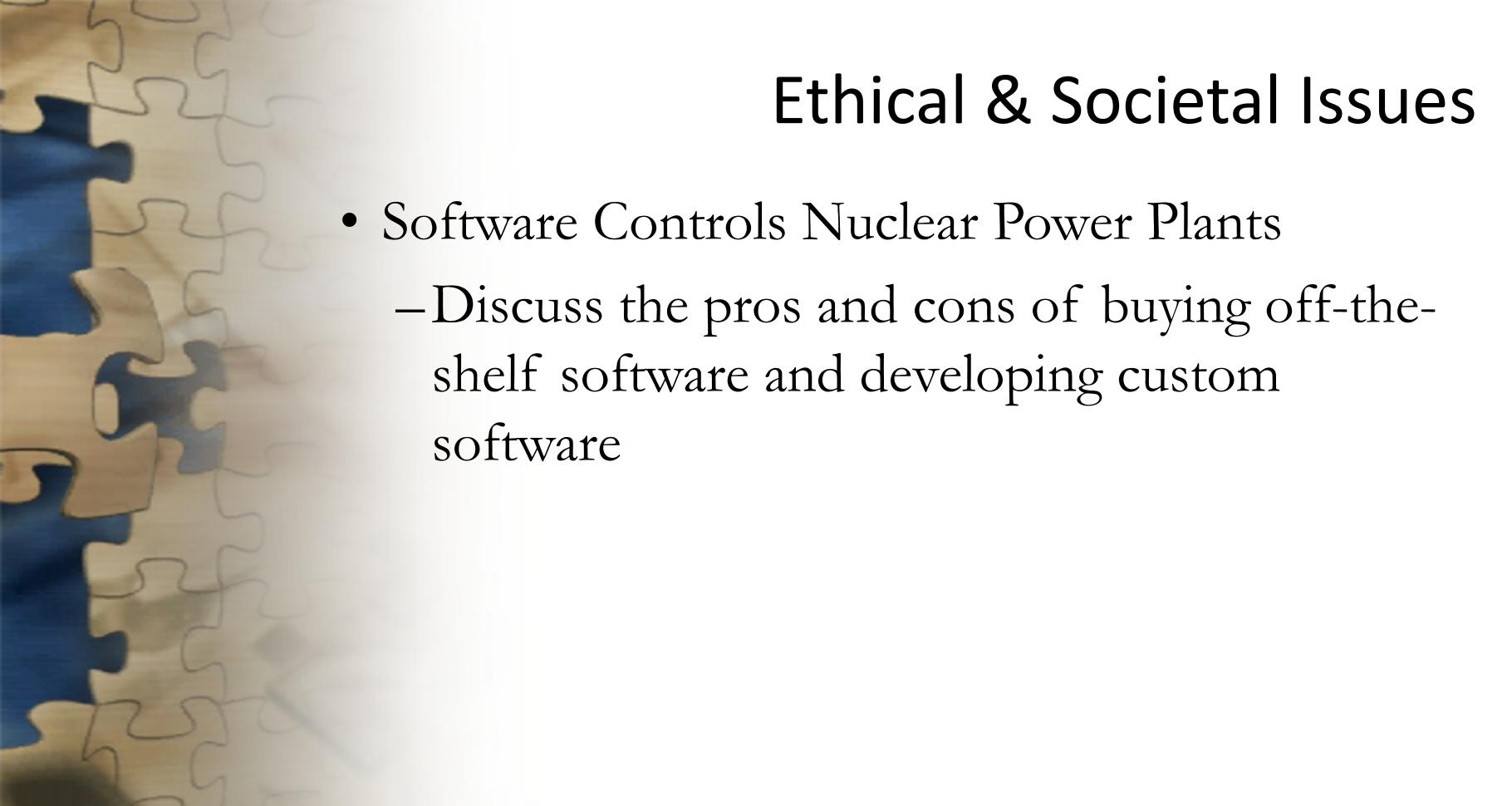
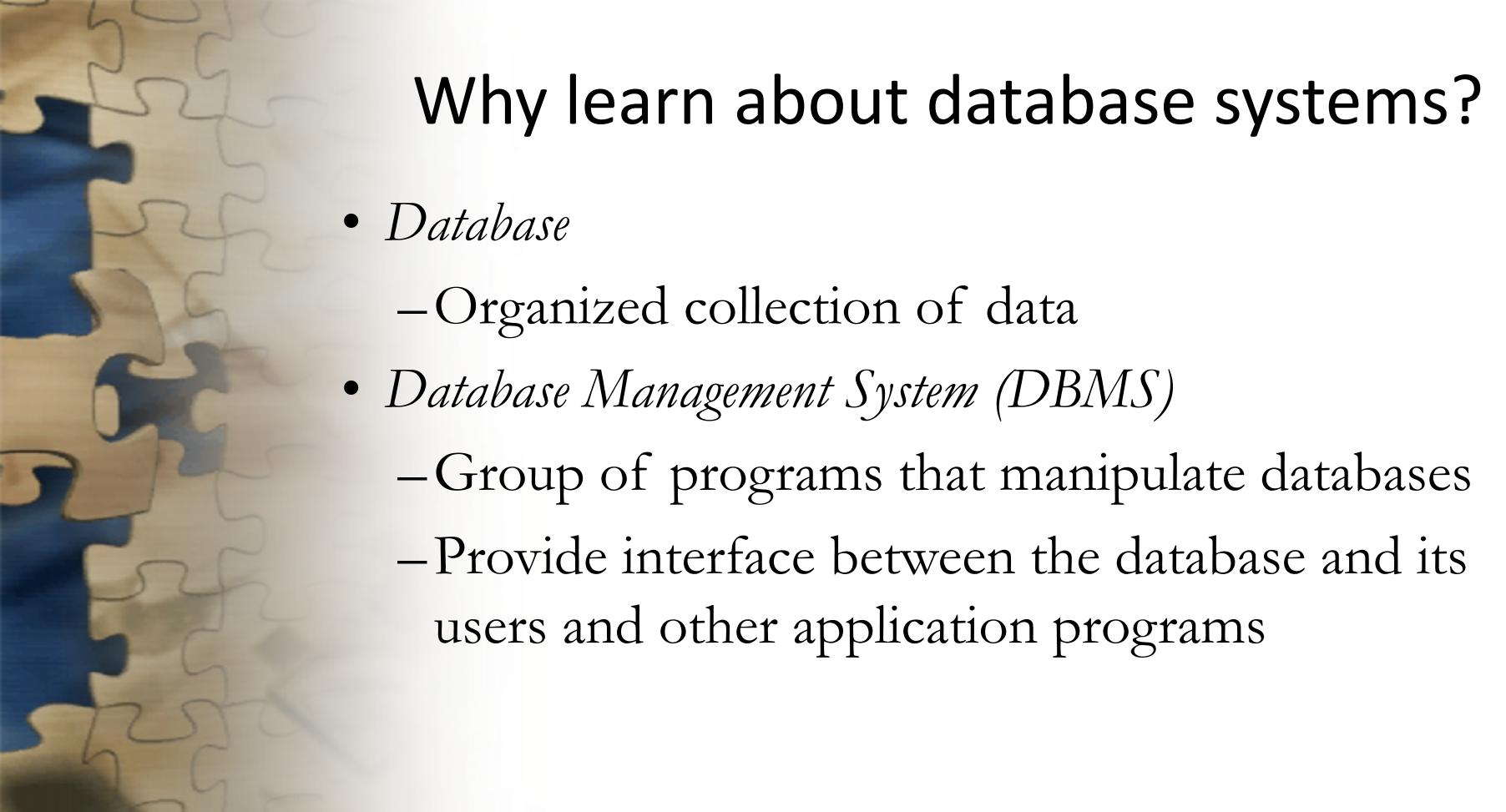


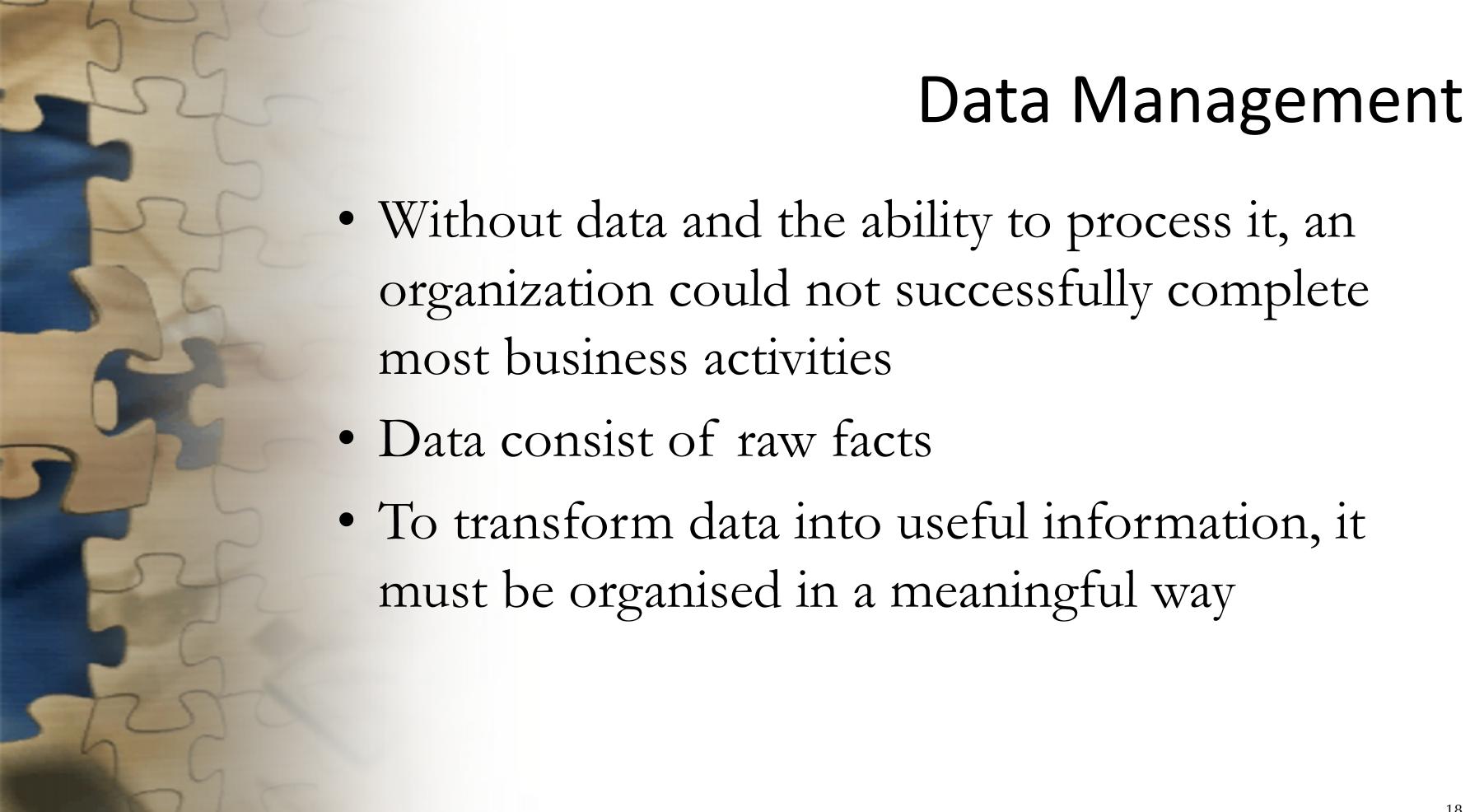


Information Systems @ Work

- Build Your Own
 - -Why did Facebook build their own servers?
 - -What are the advantages of building their own server?
 - -Did this give Facebook a competitive advantage?
 - -If yes, which of the five competitive forces does it gain an advantage?

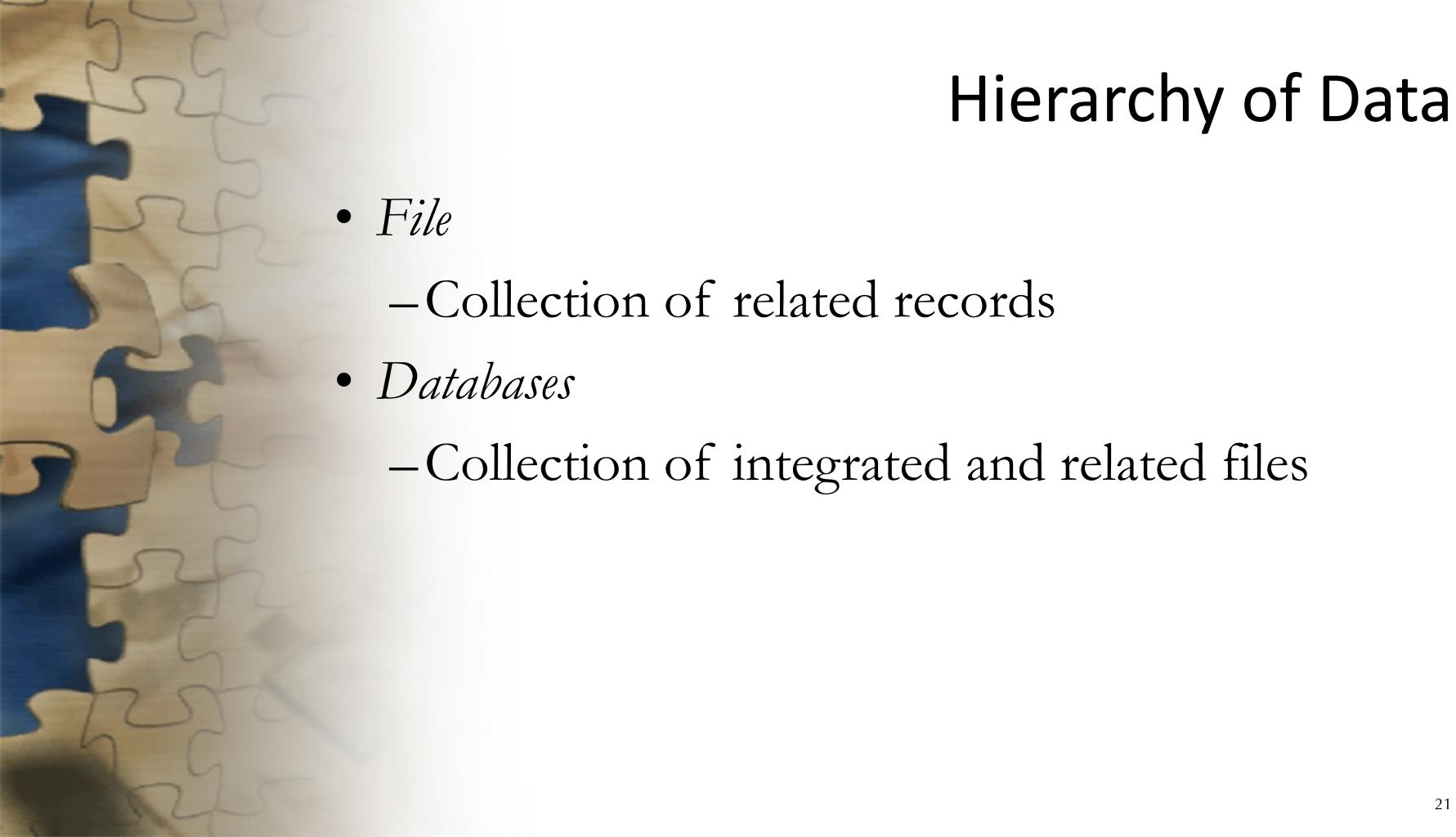


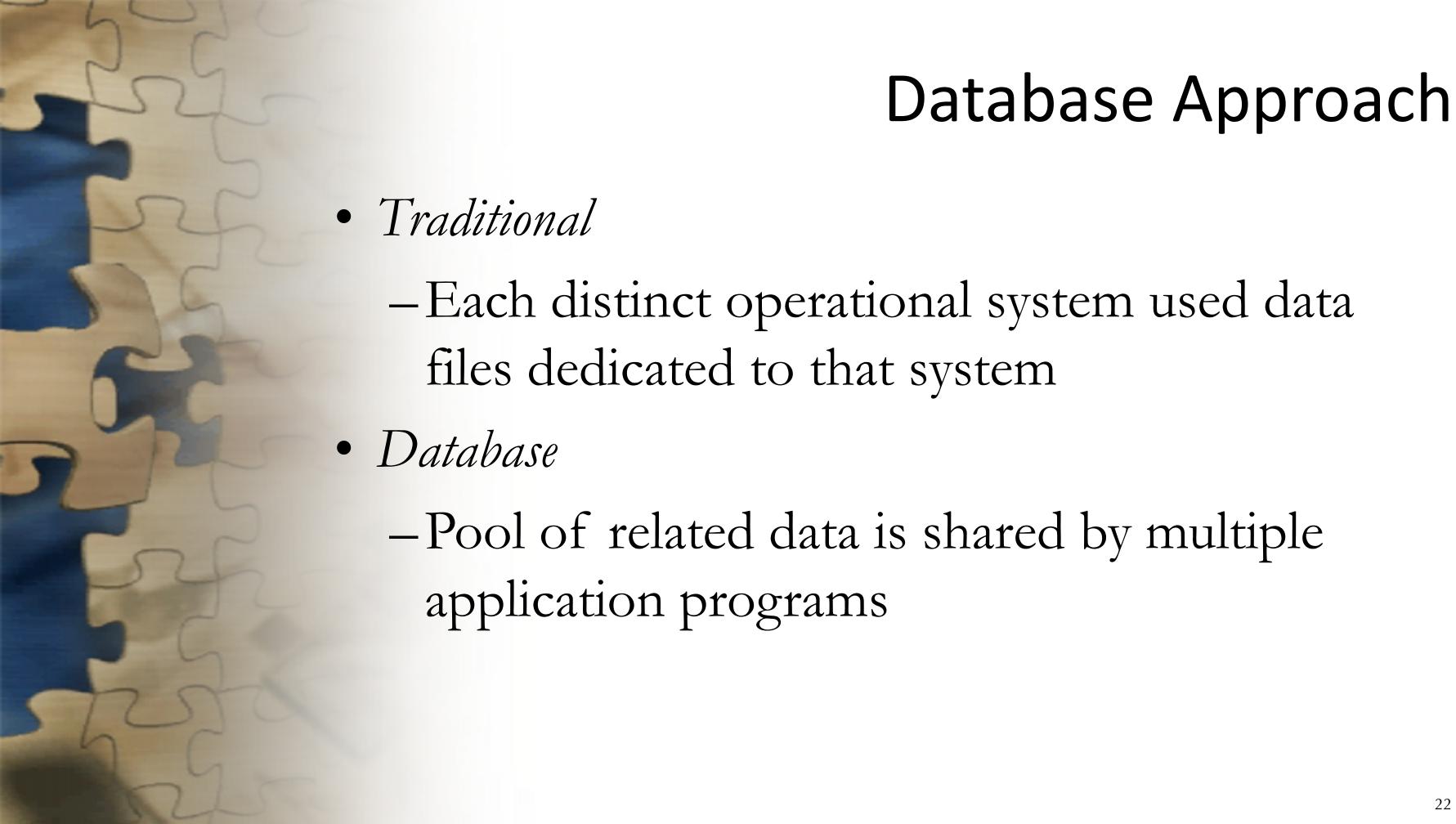


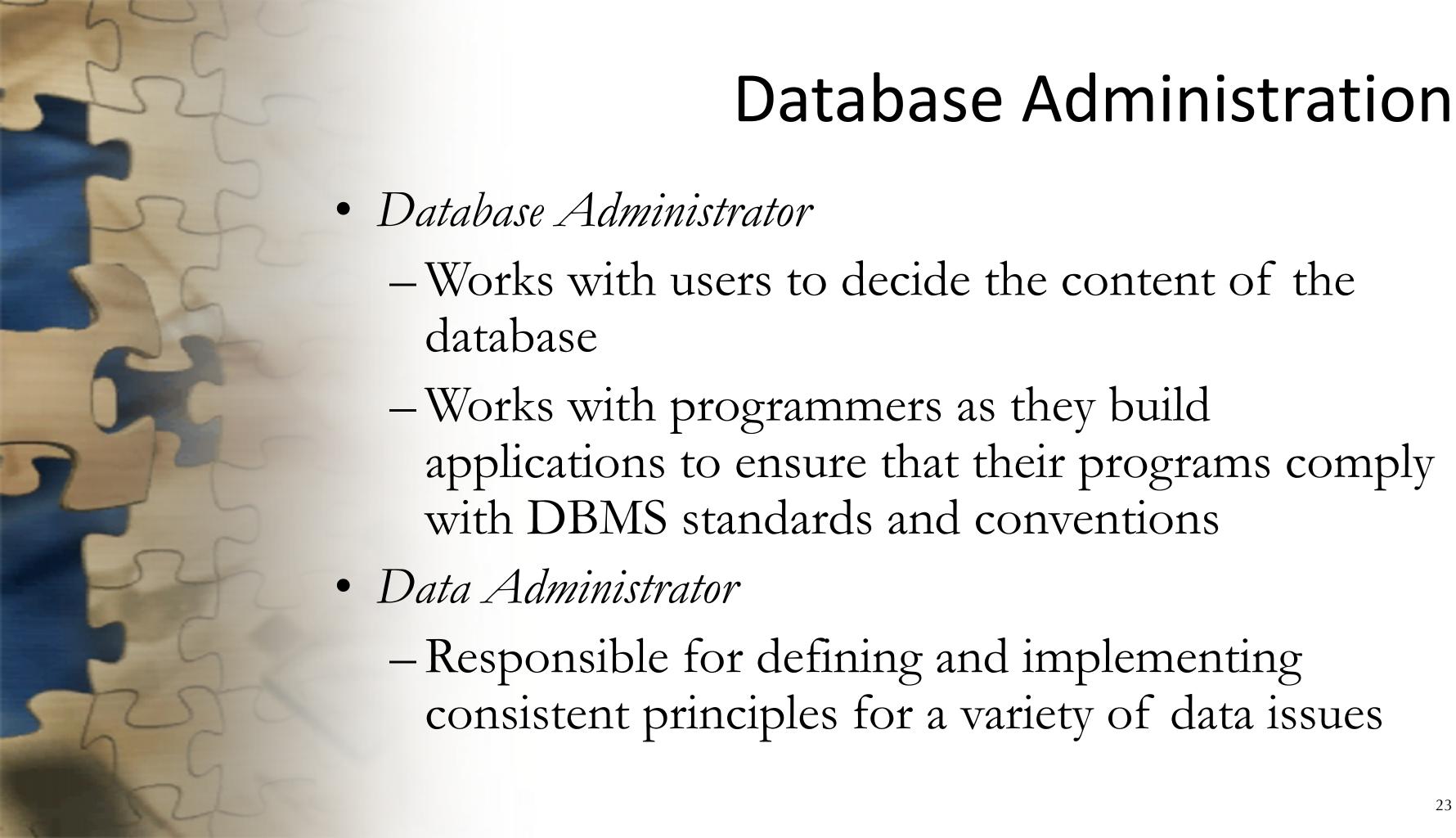


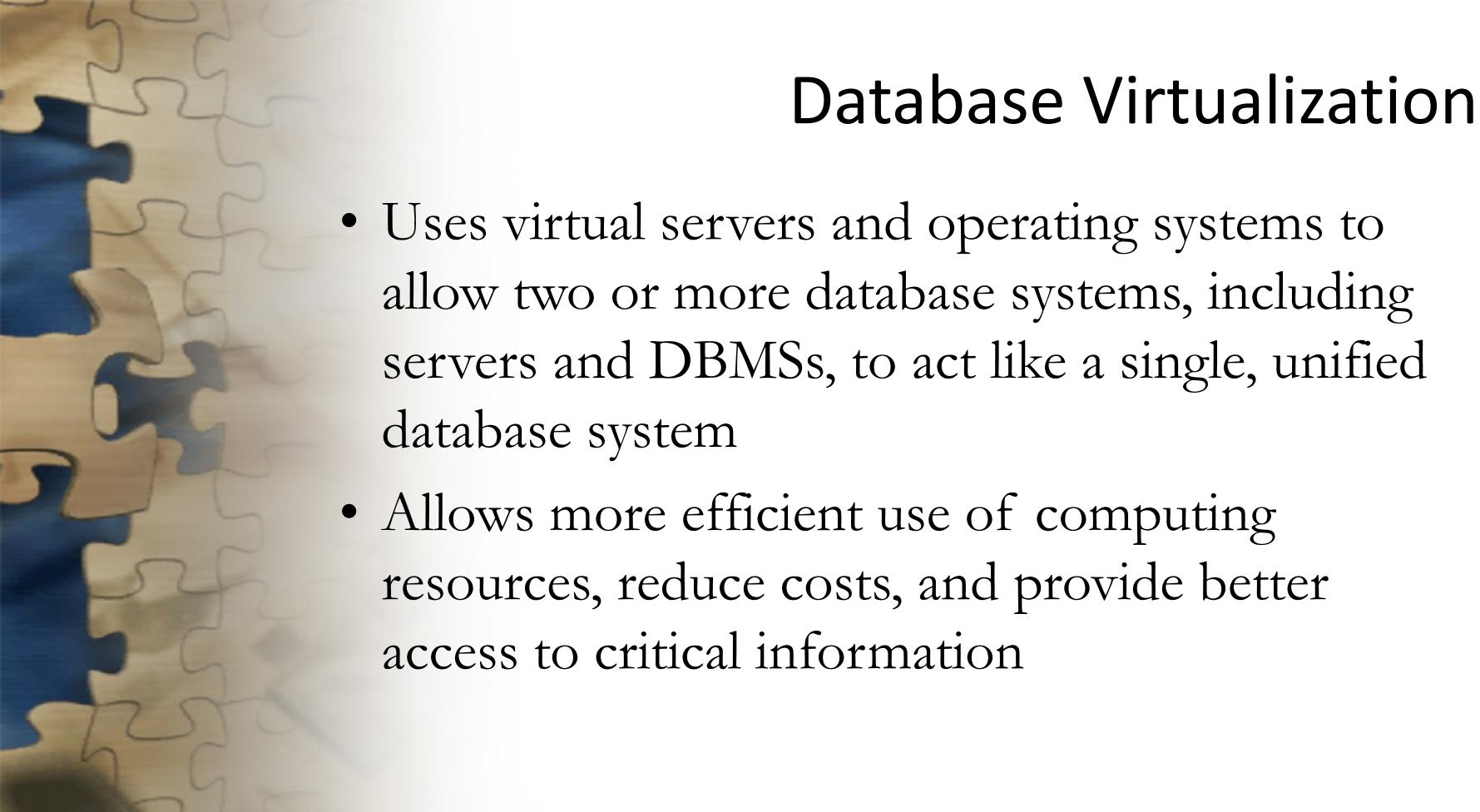
Hierarchy of Data • Bit -Binary digit, 1 or 0 • Byte -Made up of eight bits • Character -Basic building block of information

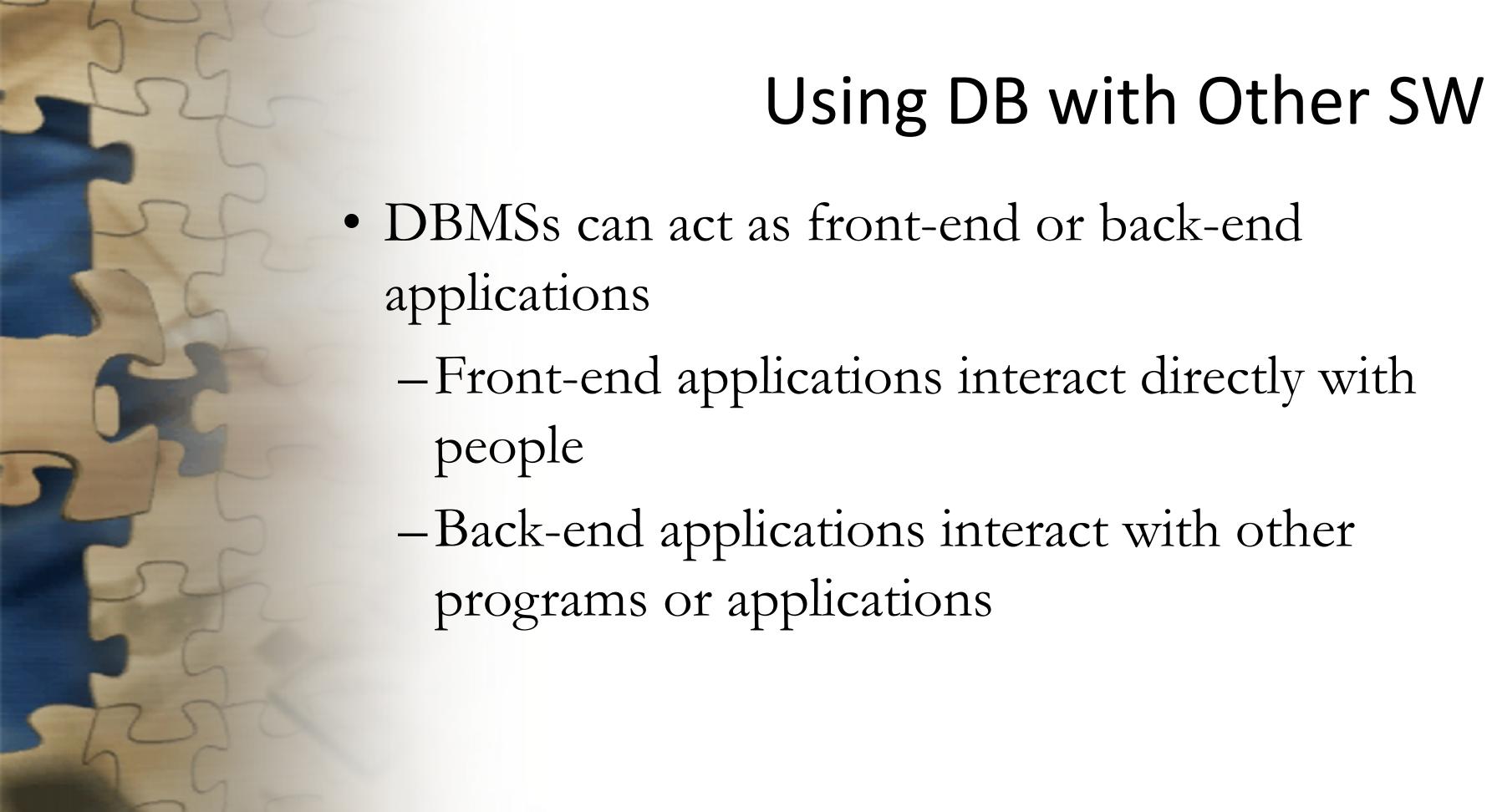
Hierarchy of Data • Field -Name, number or combination of characters that describes an aspect of a business object or activity • Record -Collection of related data fields

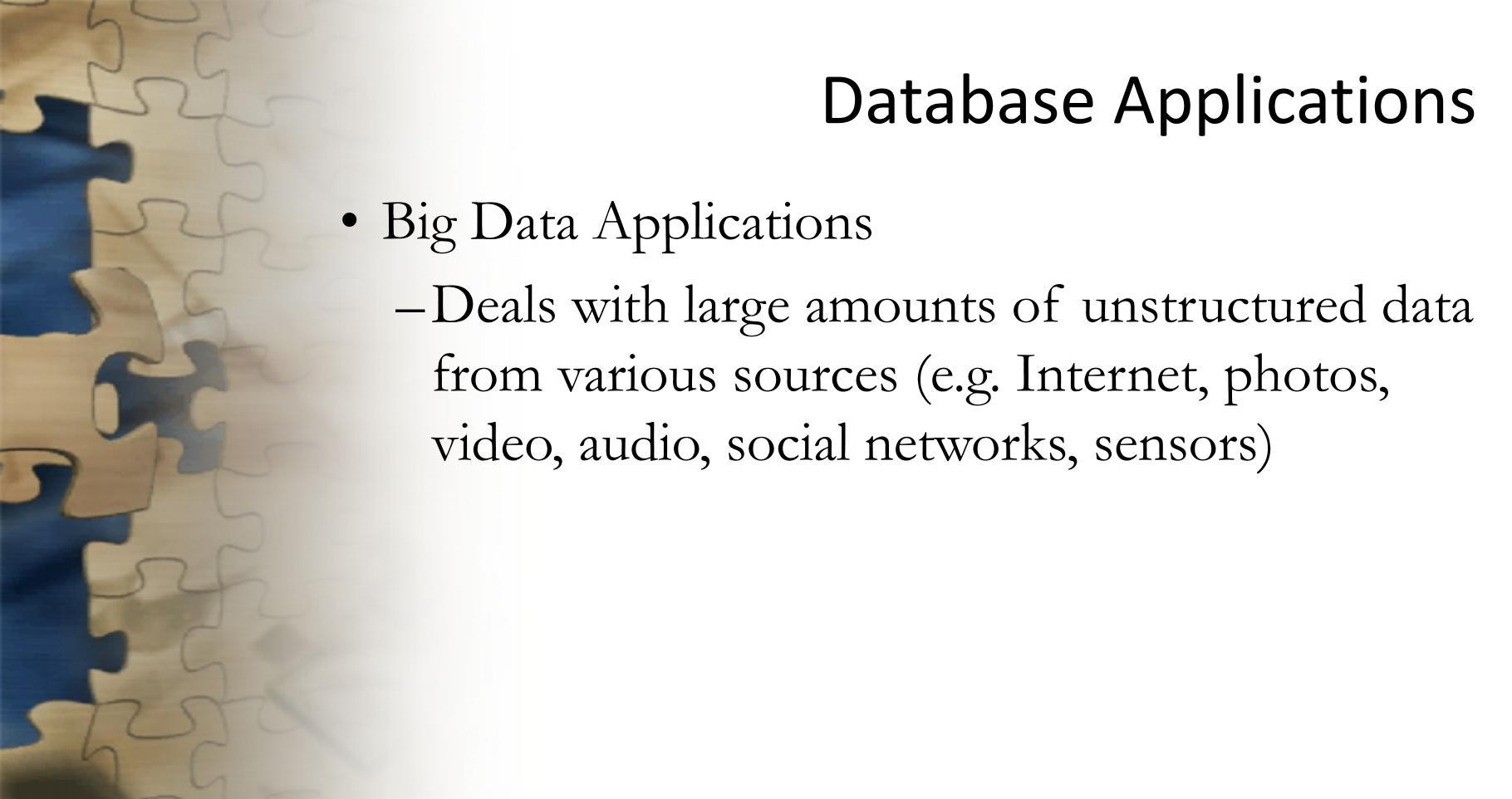


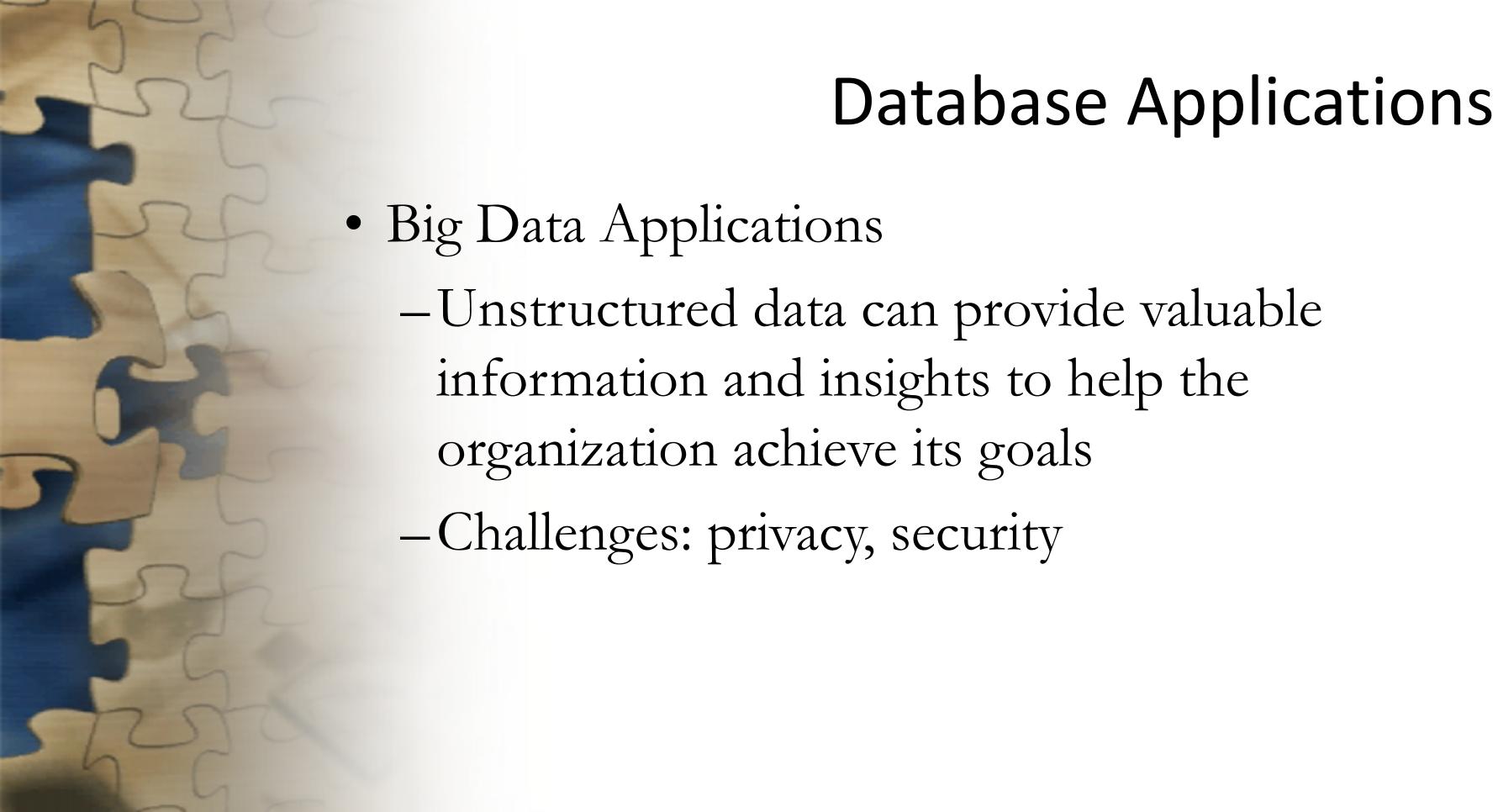


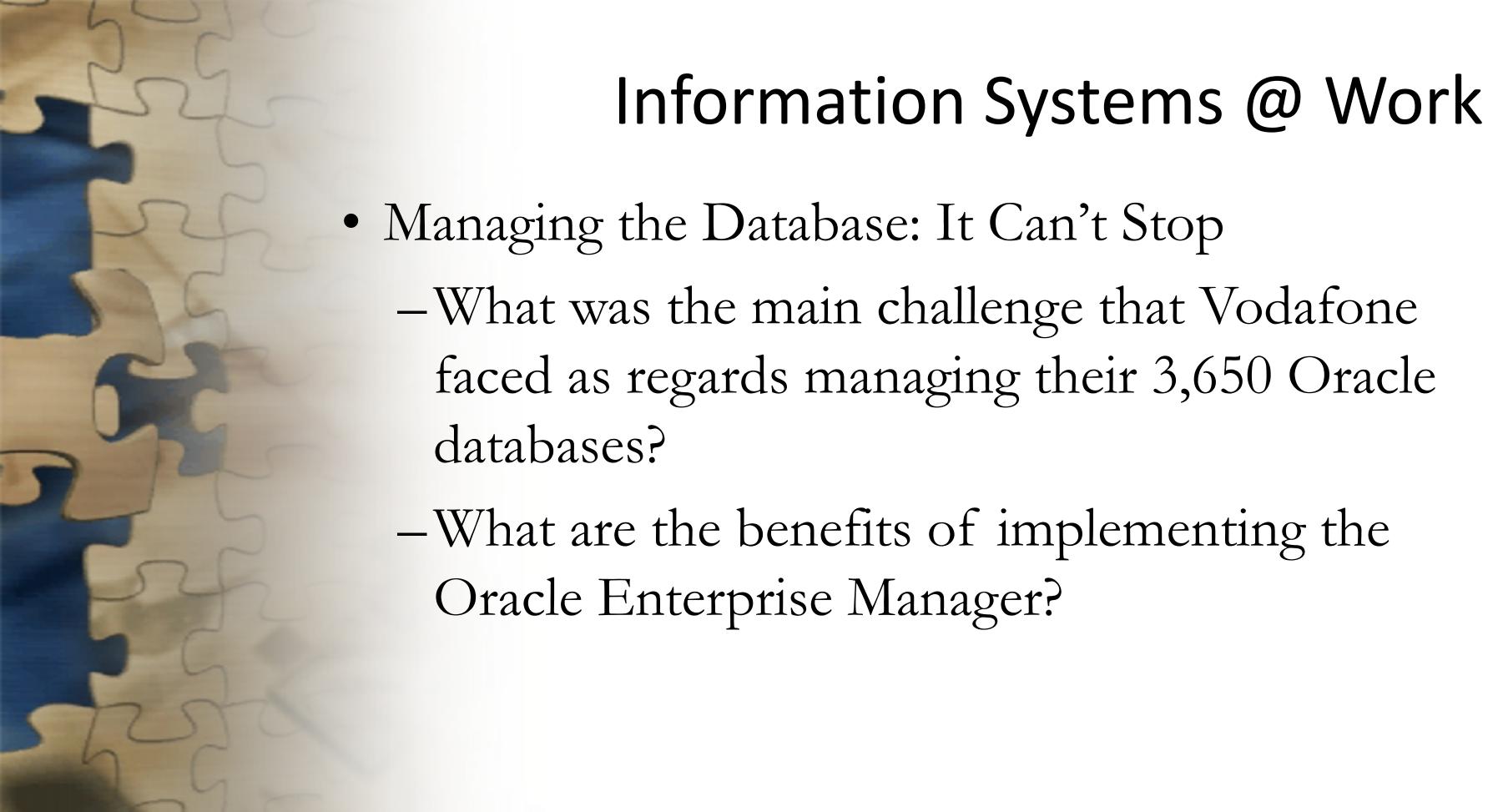


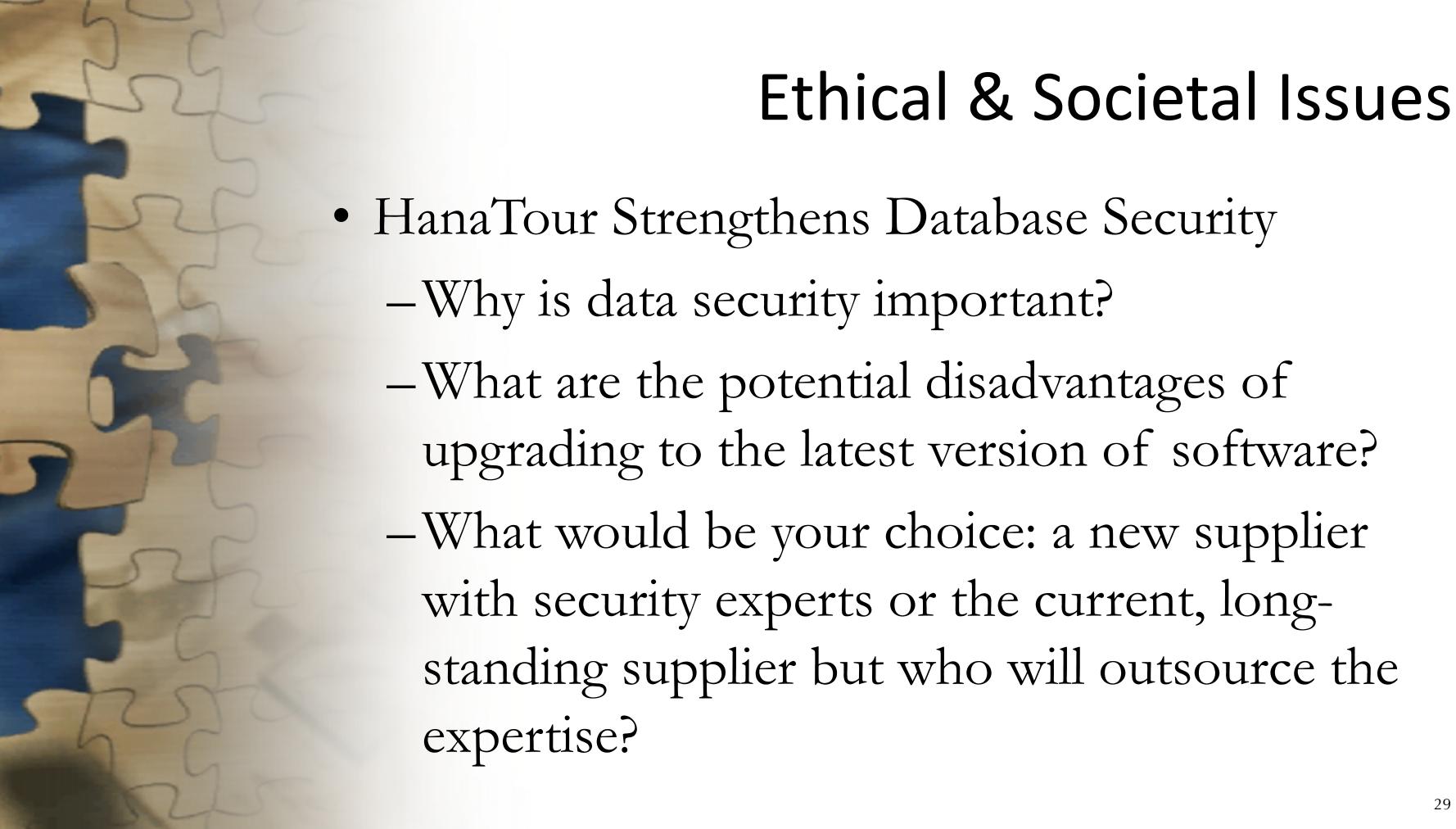


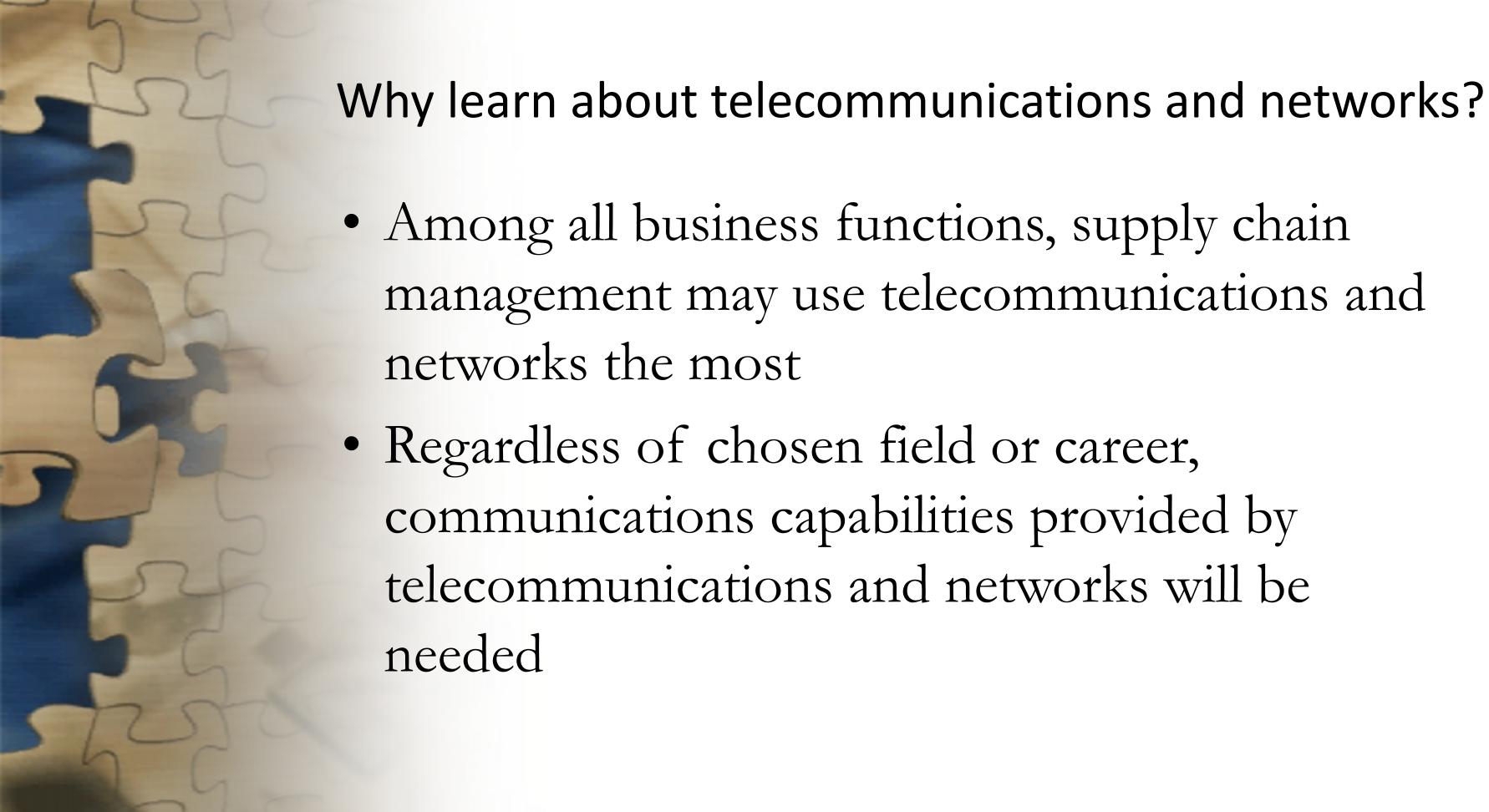


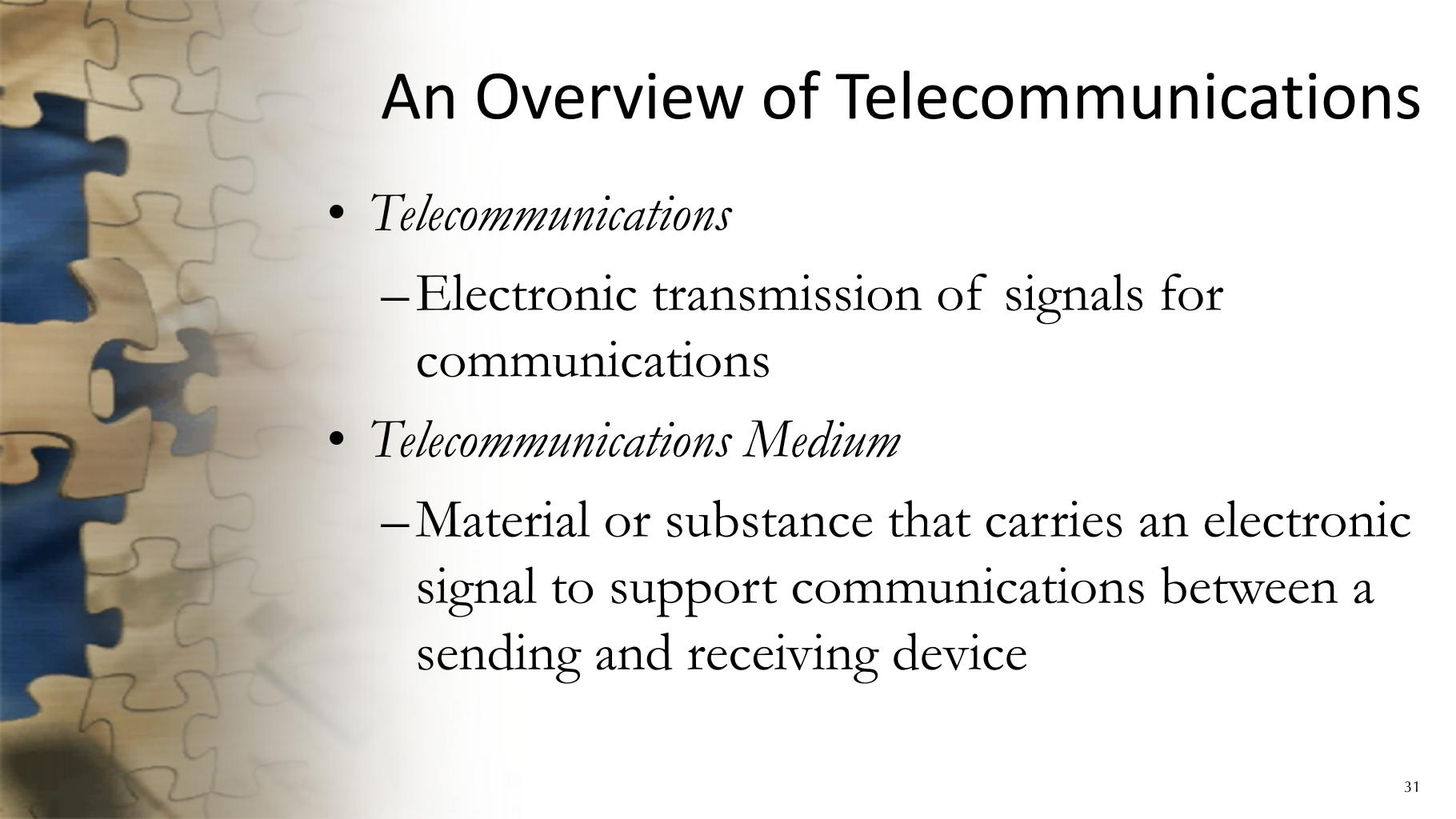




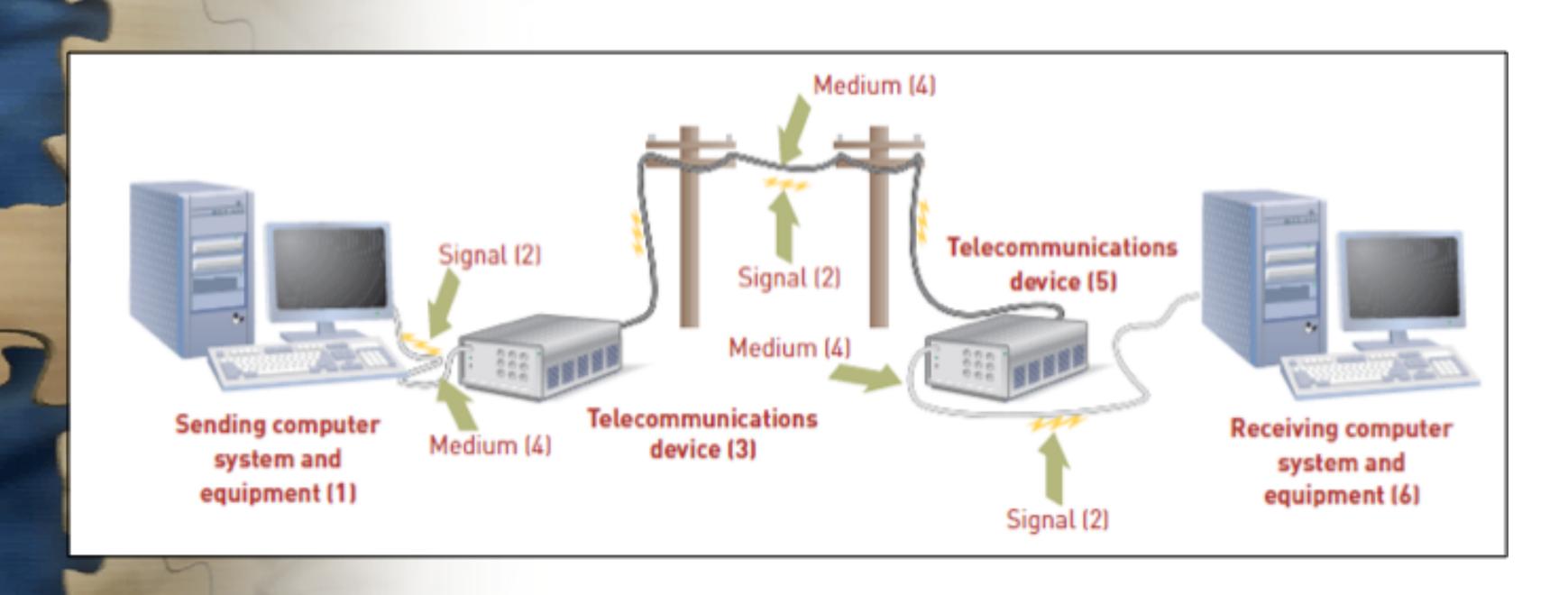


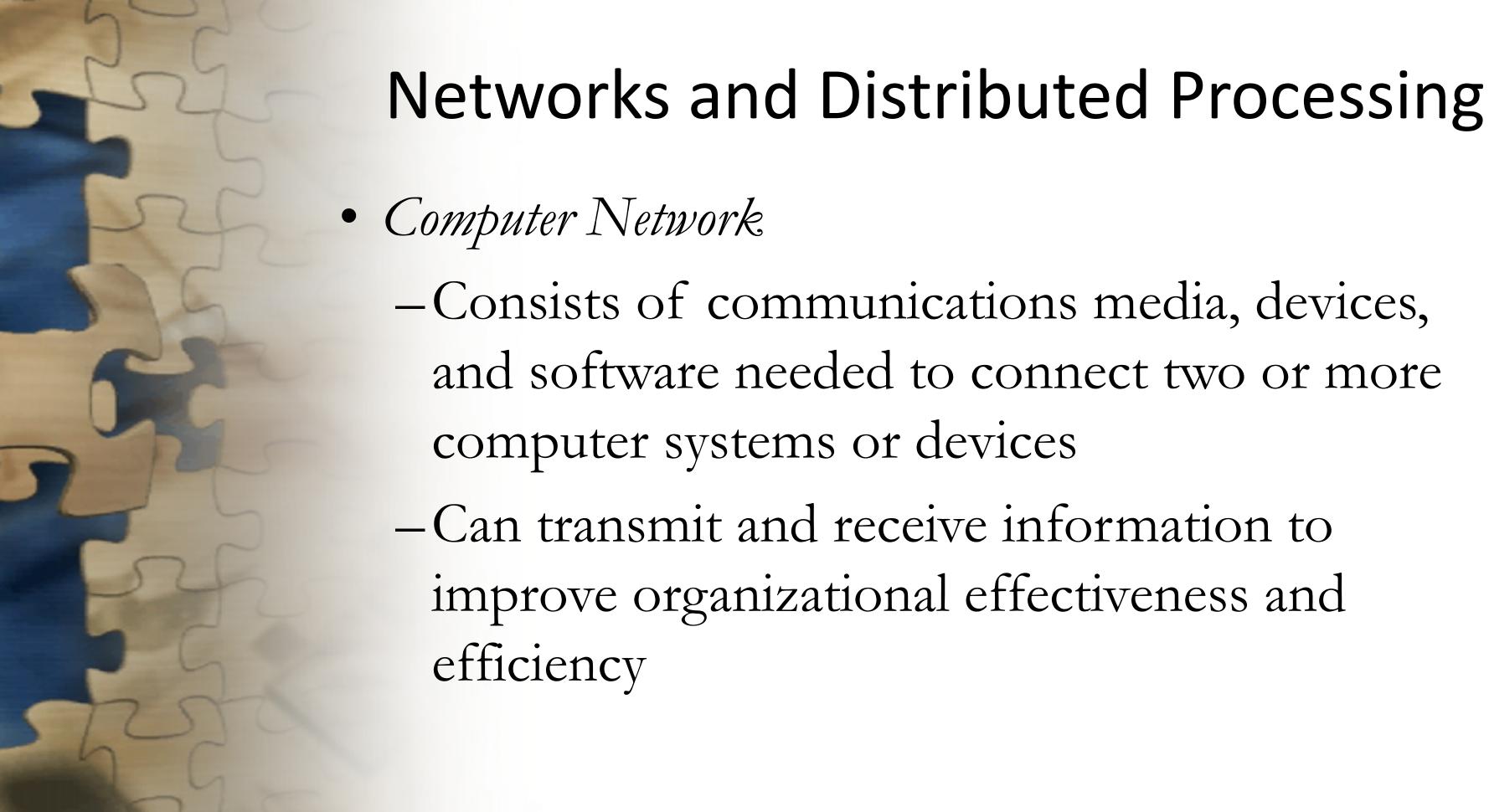






An Overview of Telecommunications







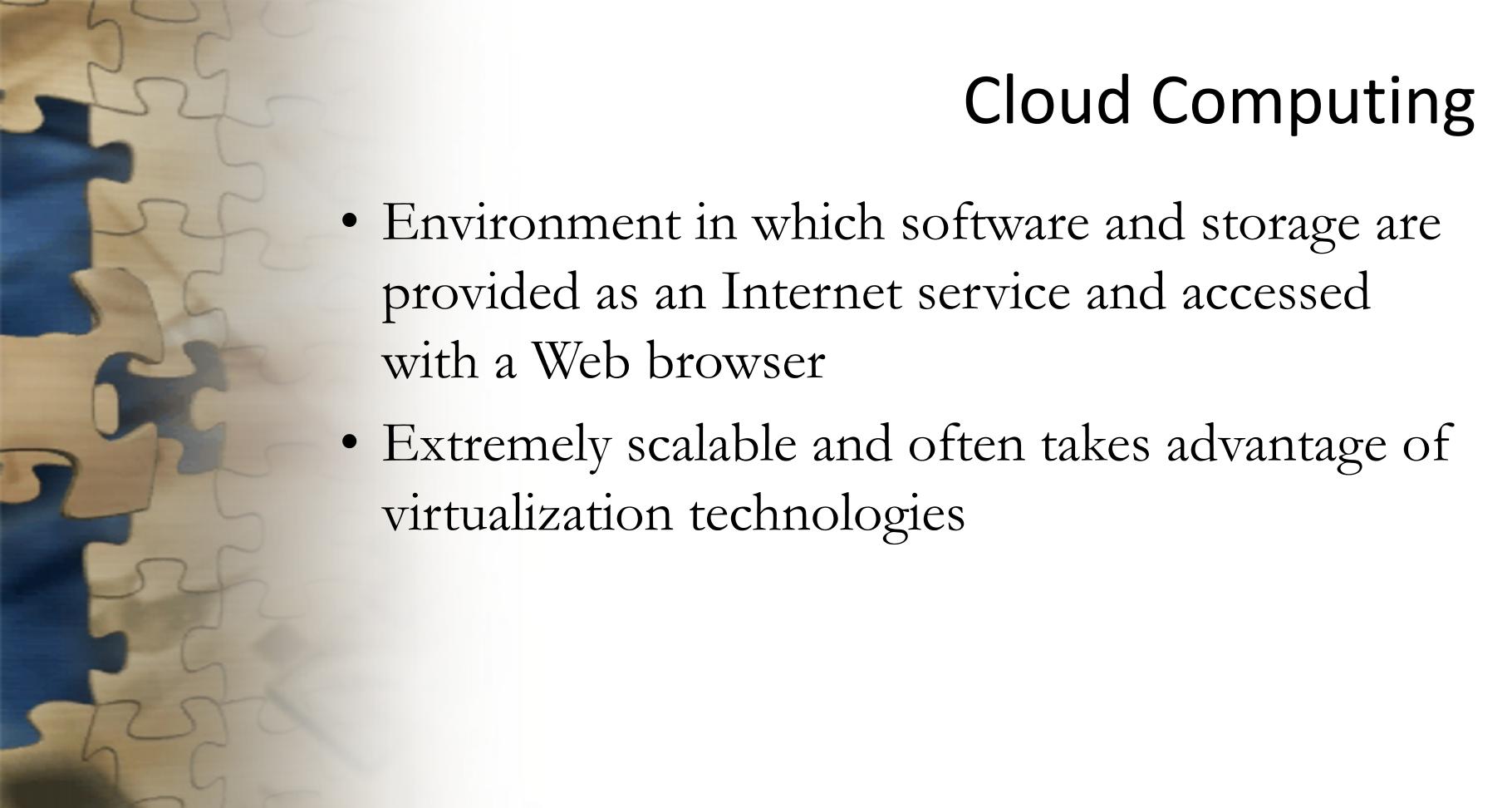
Networks and Distributed Processing

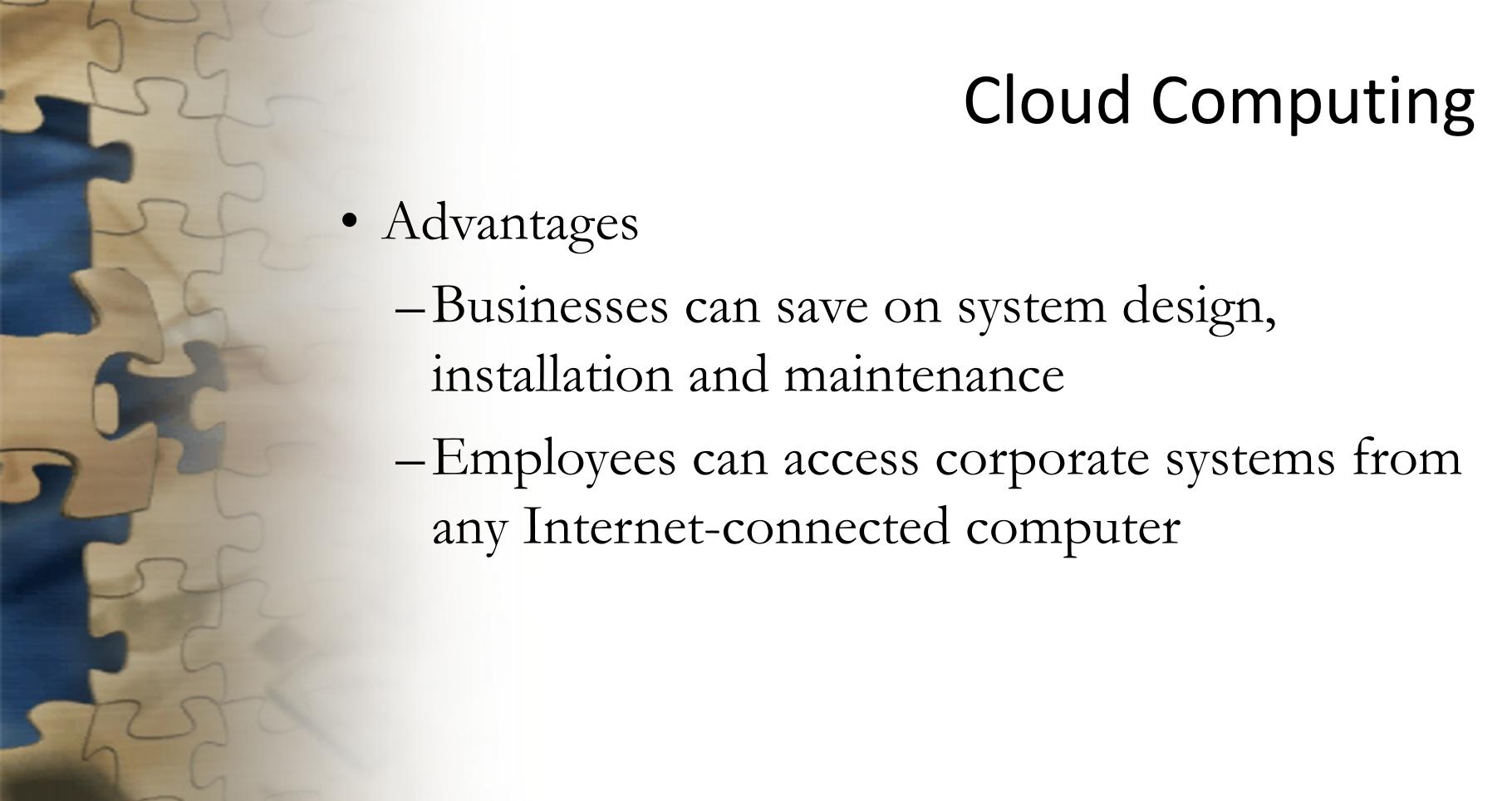
- Distributed Processing
 - Centralized all processing occurs in a single location or facility
 - -Decentralized processing devices are placed at various remote locations
 - Distributed processing devices are placed at various remote locations but are connected to each other via a network

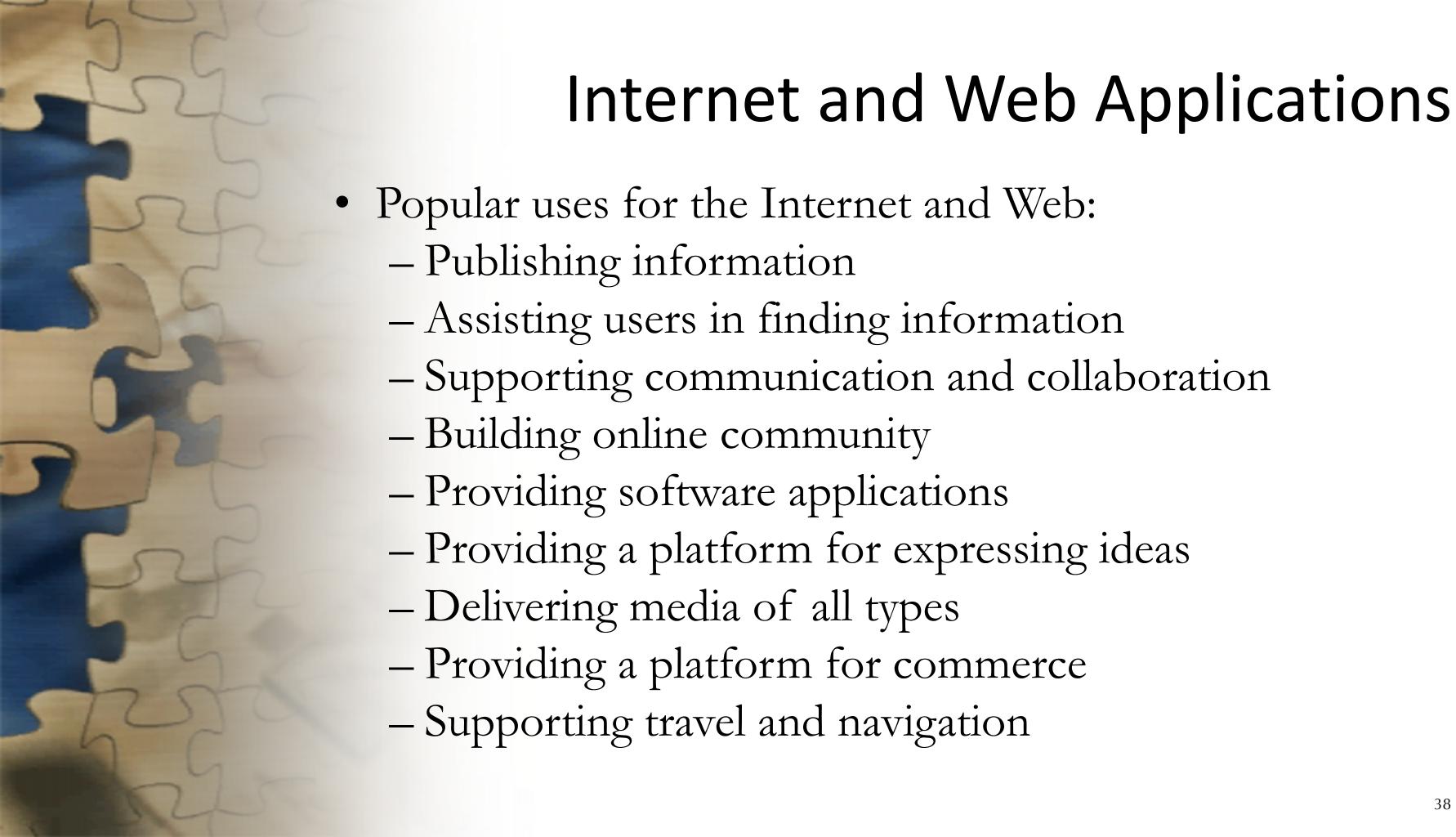


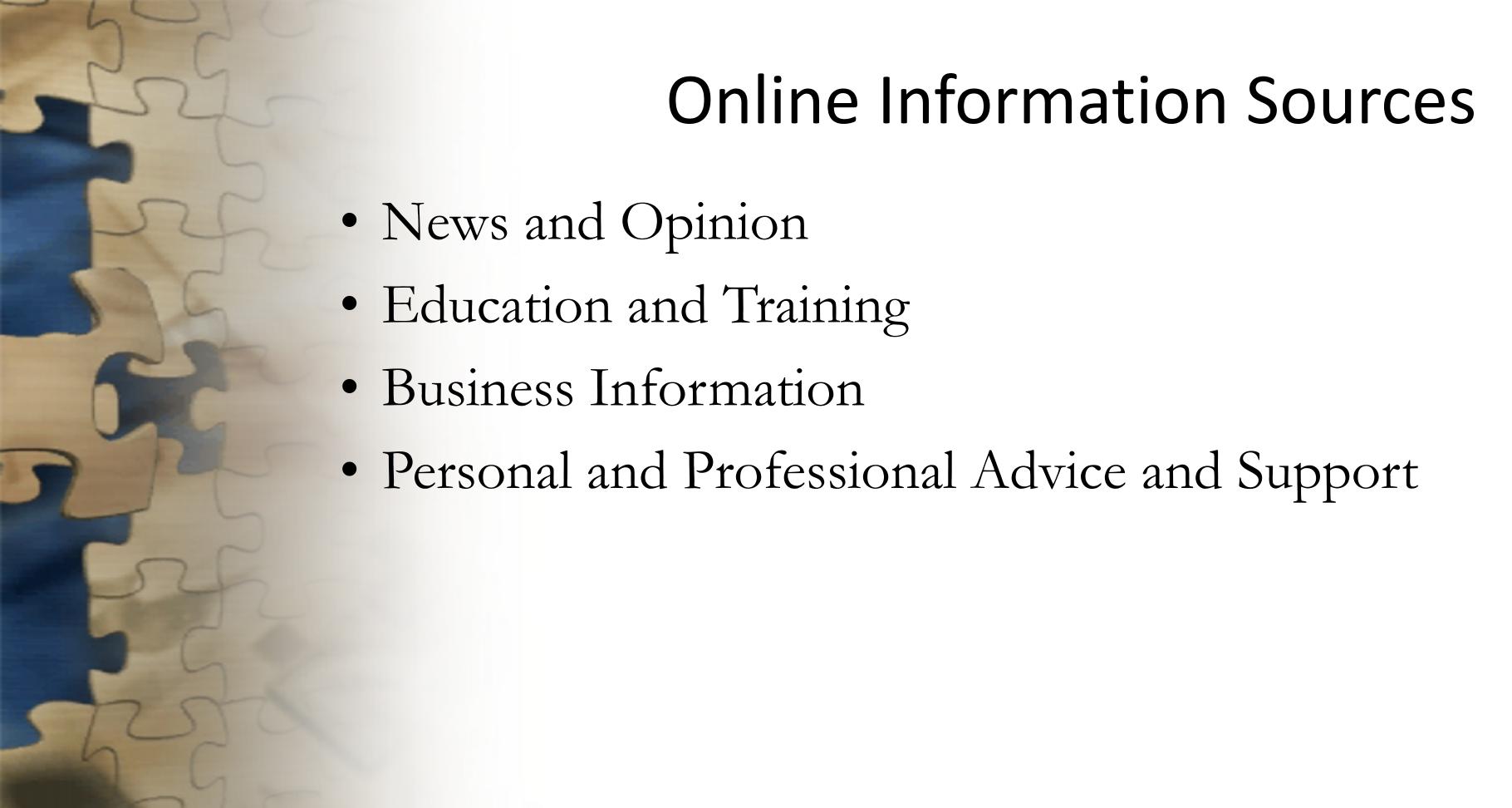
Use and Function of the Internet

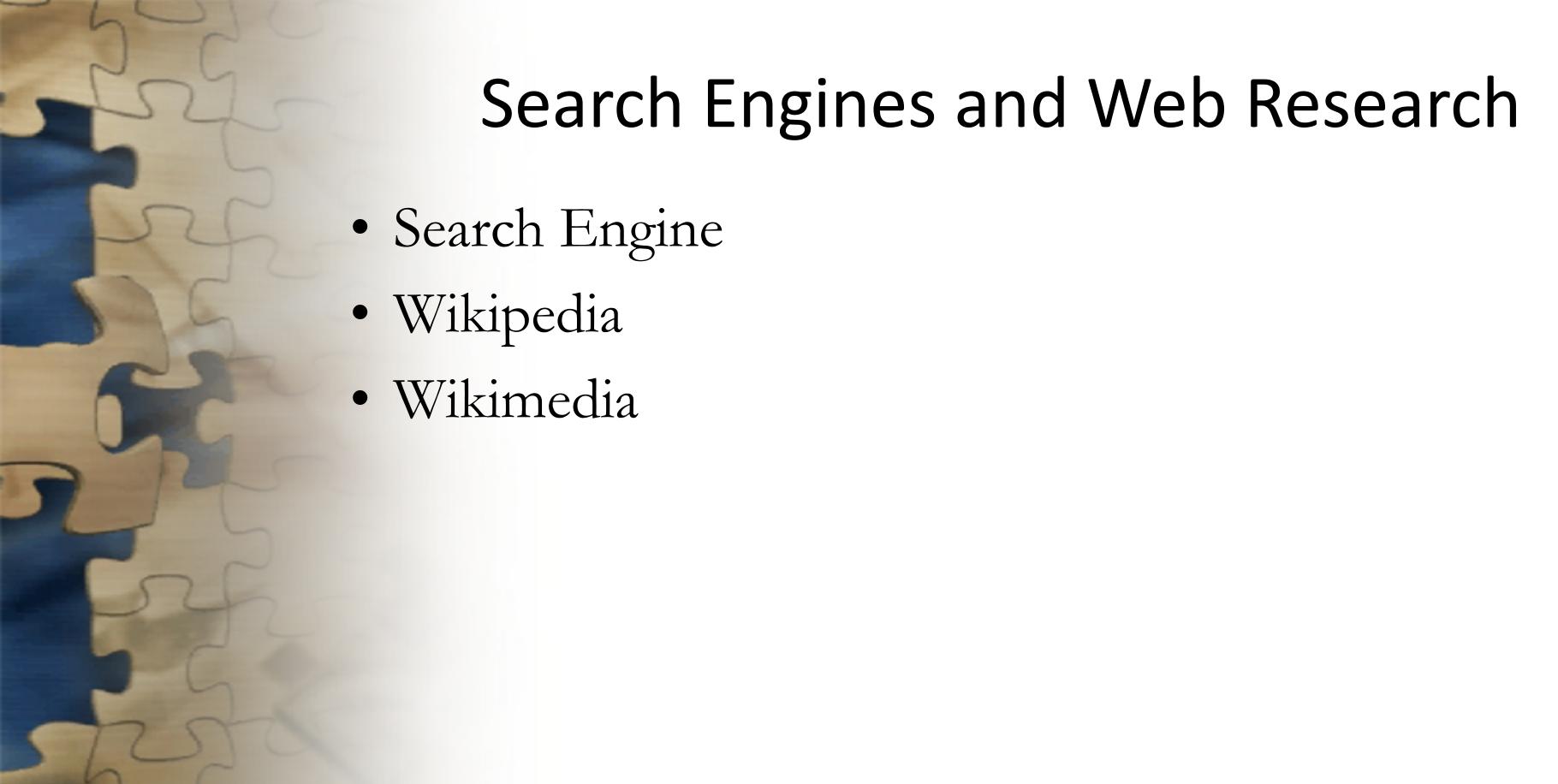
- Internet is the world's largest computer network
- How it works
 - -Internet Protocol (IP) set of rules to pass packets from one host to another
 - -IP Address 64-bit number that identifies a computer on the Internet
 - Uniform Resource Locator (URL) web address that specifies the exact location of a web page

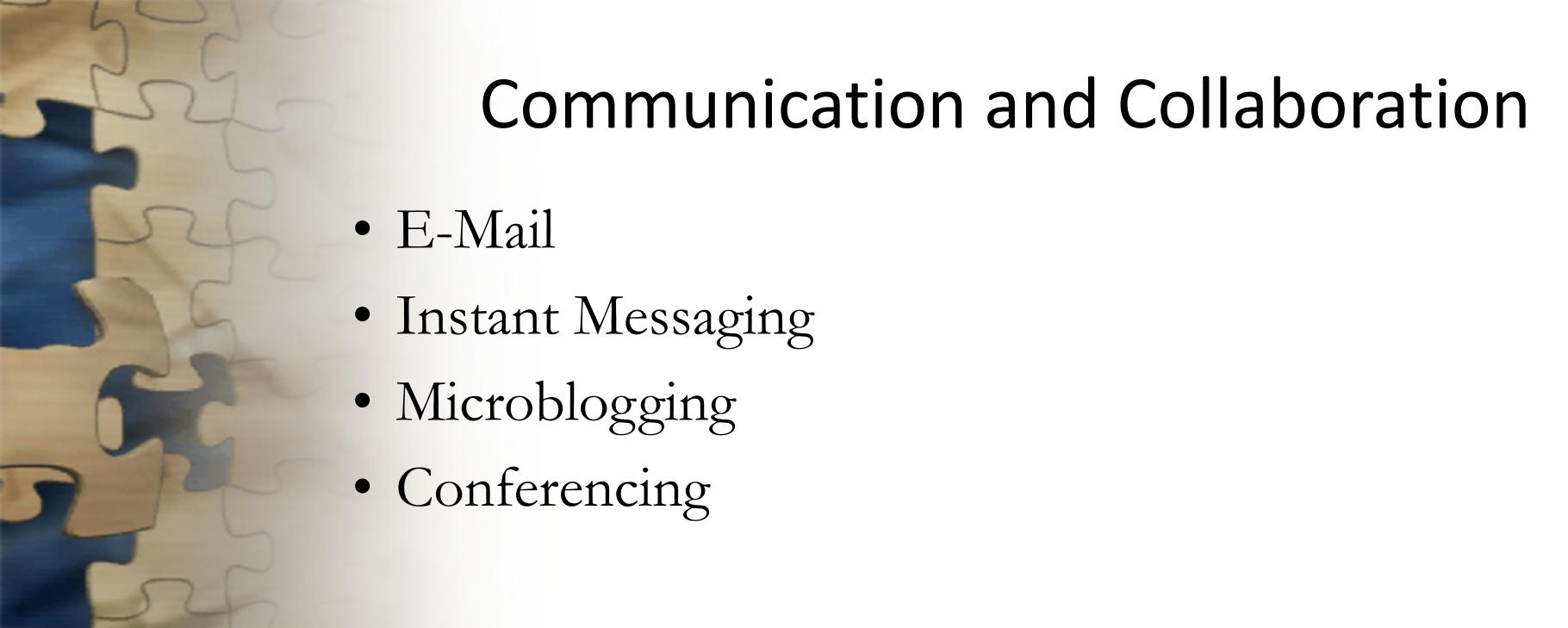


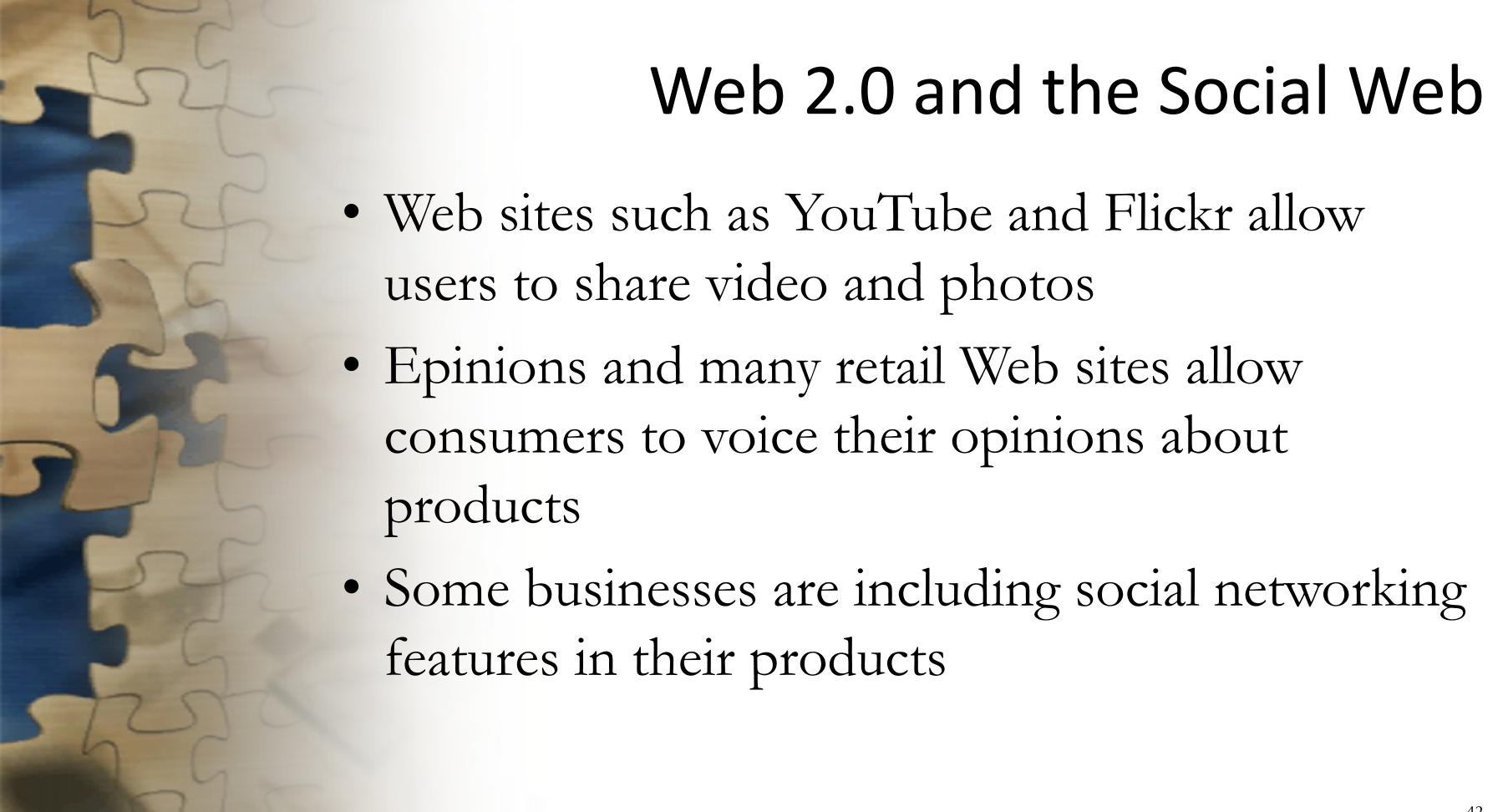


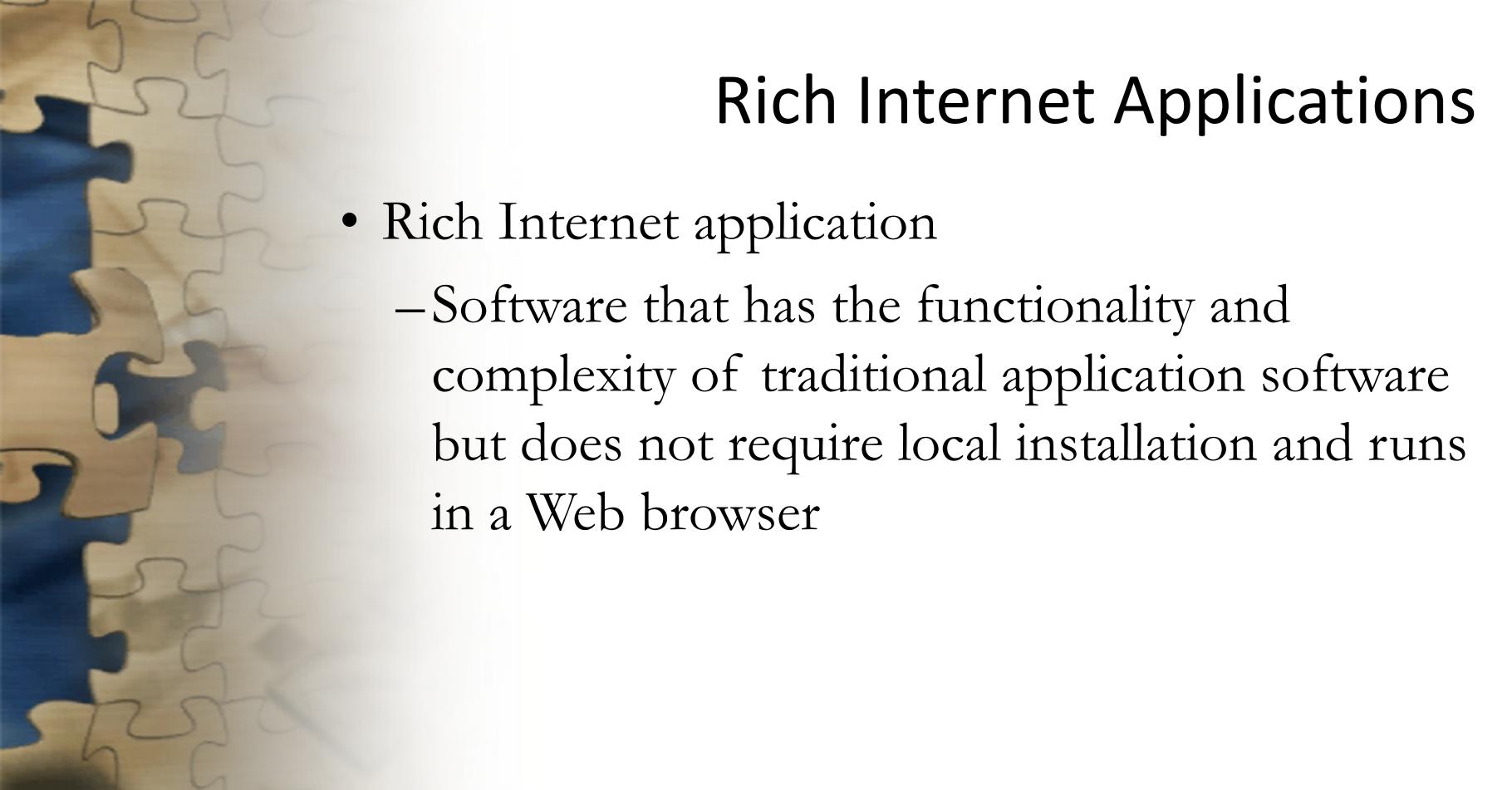














Blogging and Podcasting

