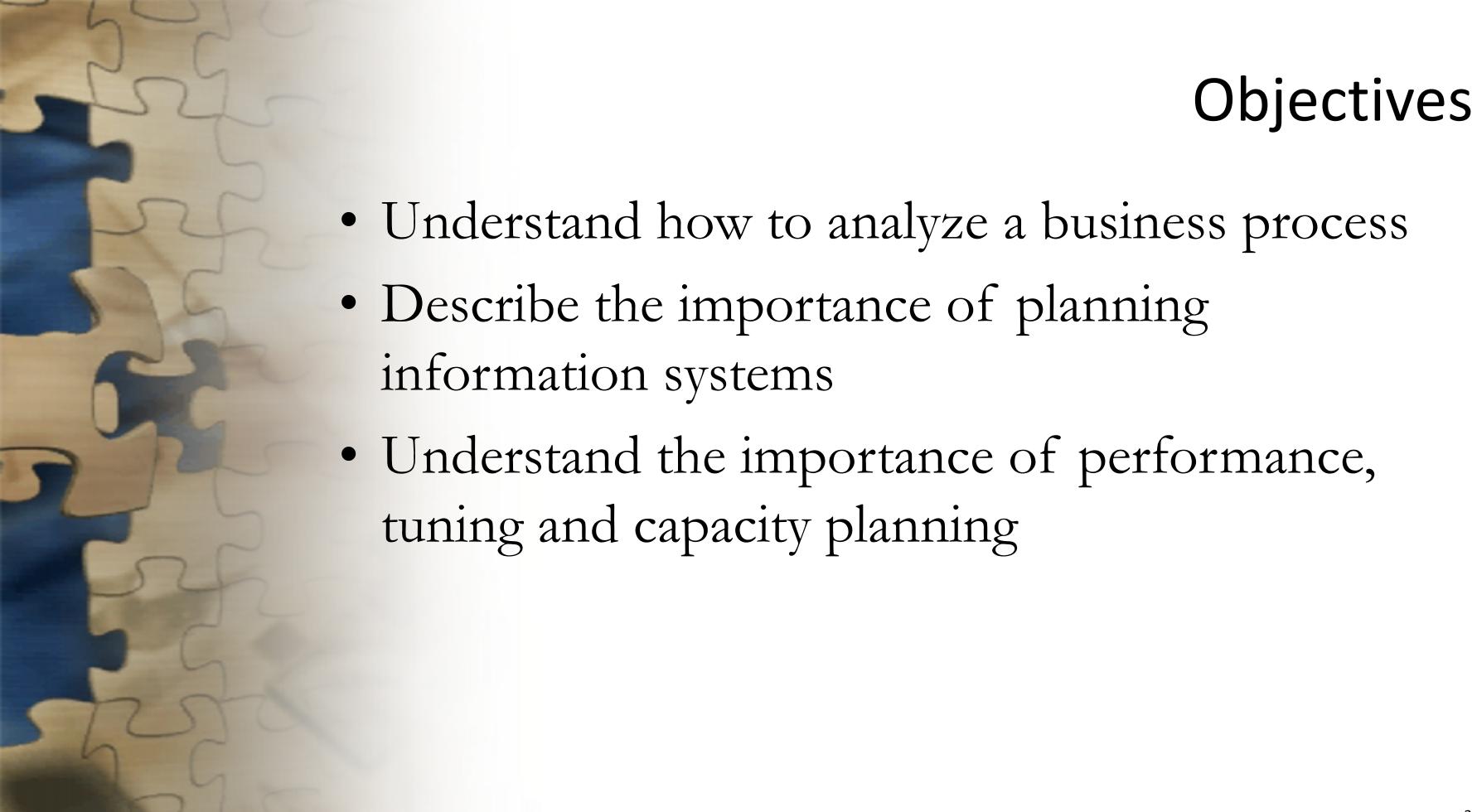
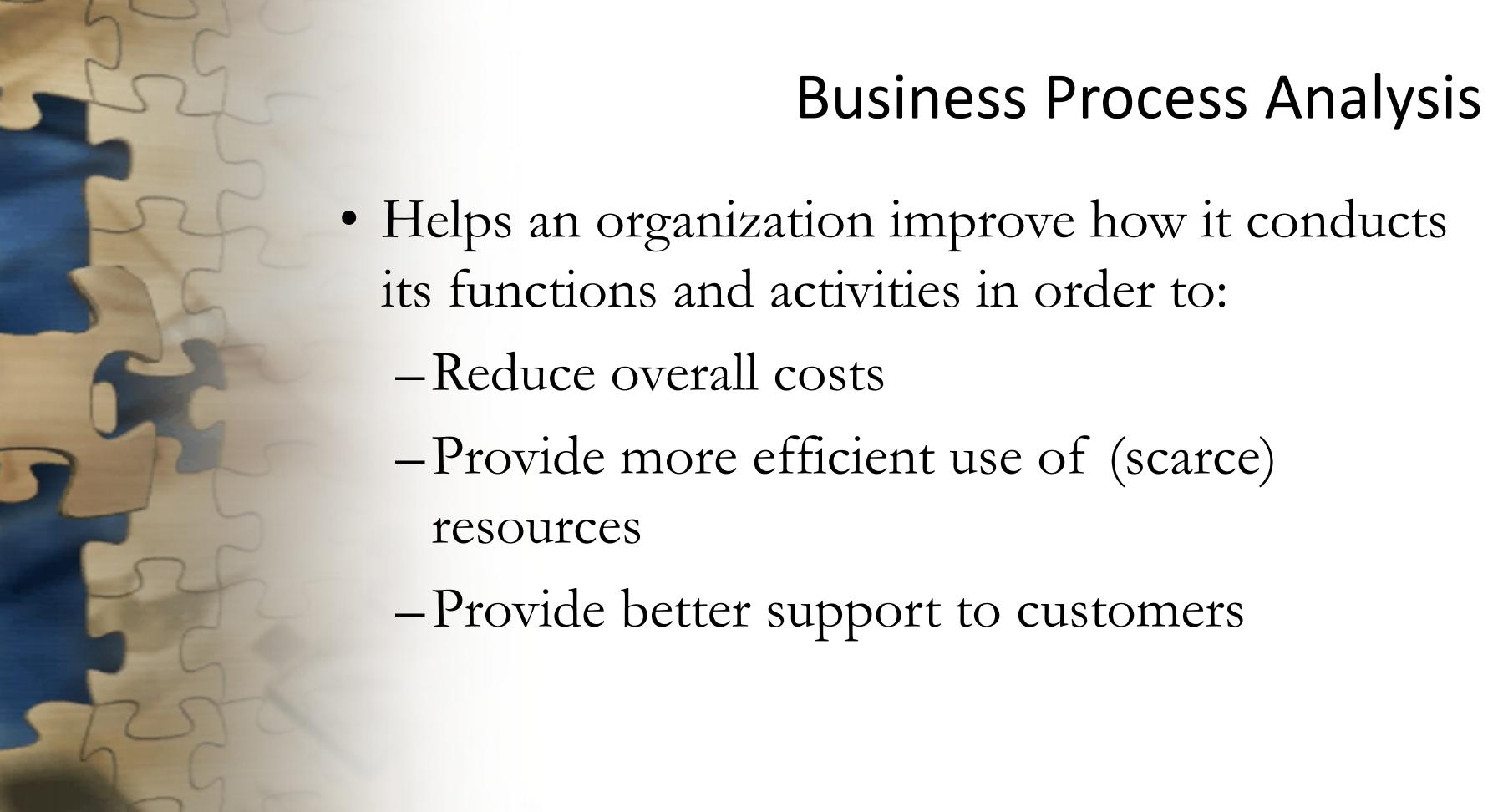
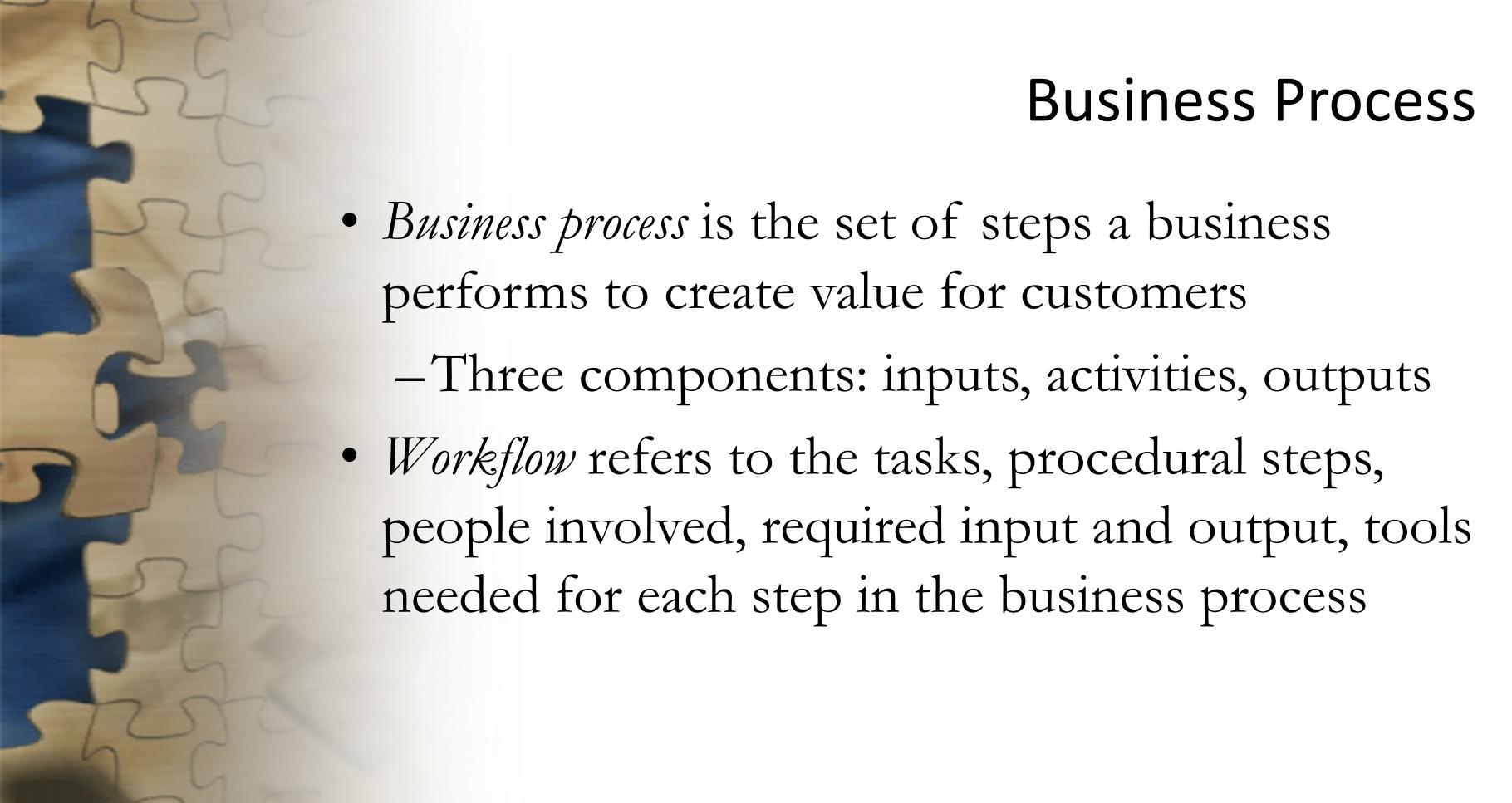
• Management Information Systems • Group Support Systems • Executive Support Systems

Week 7 Review

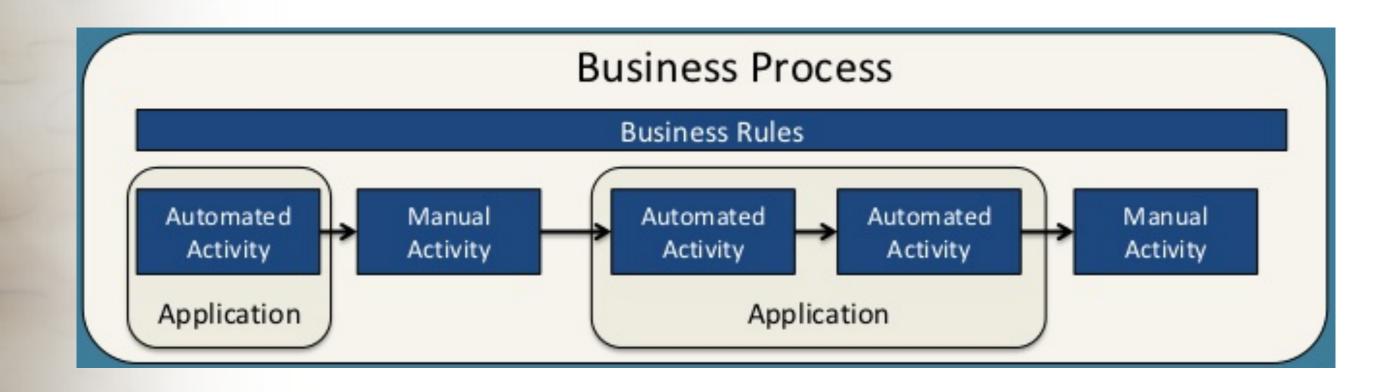




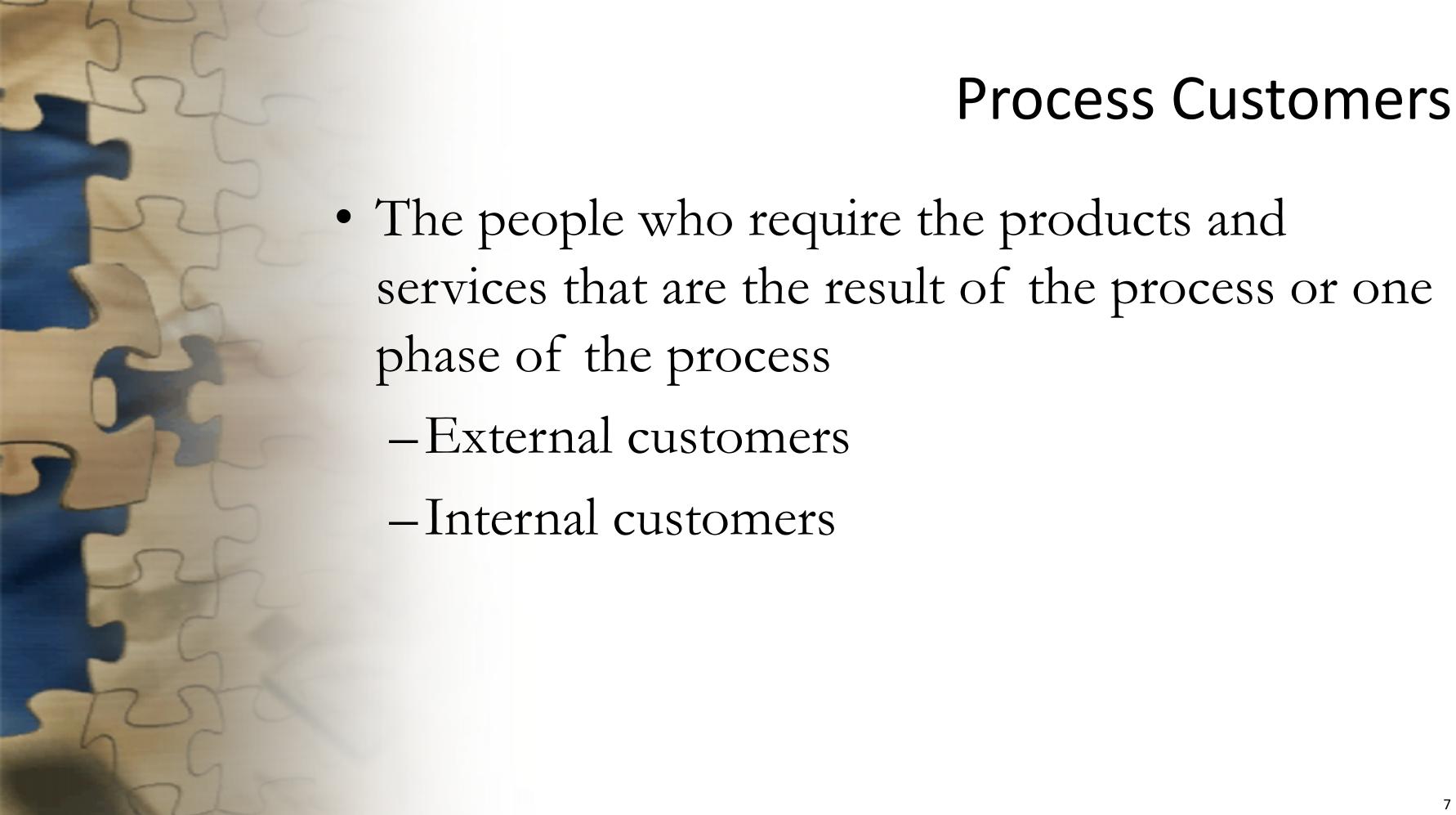




Business Process

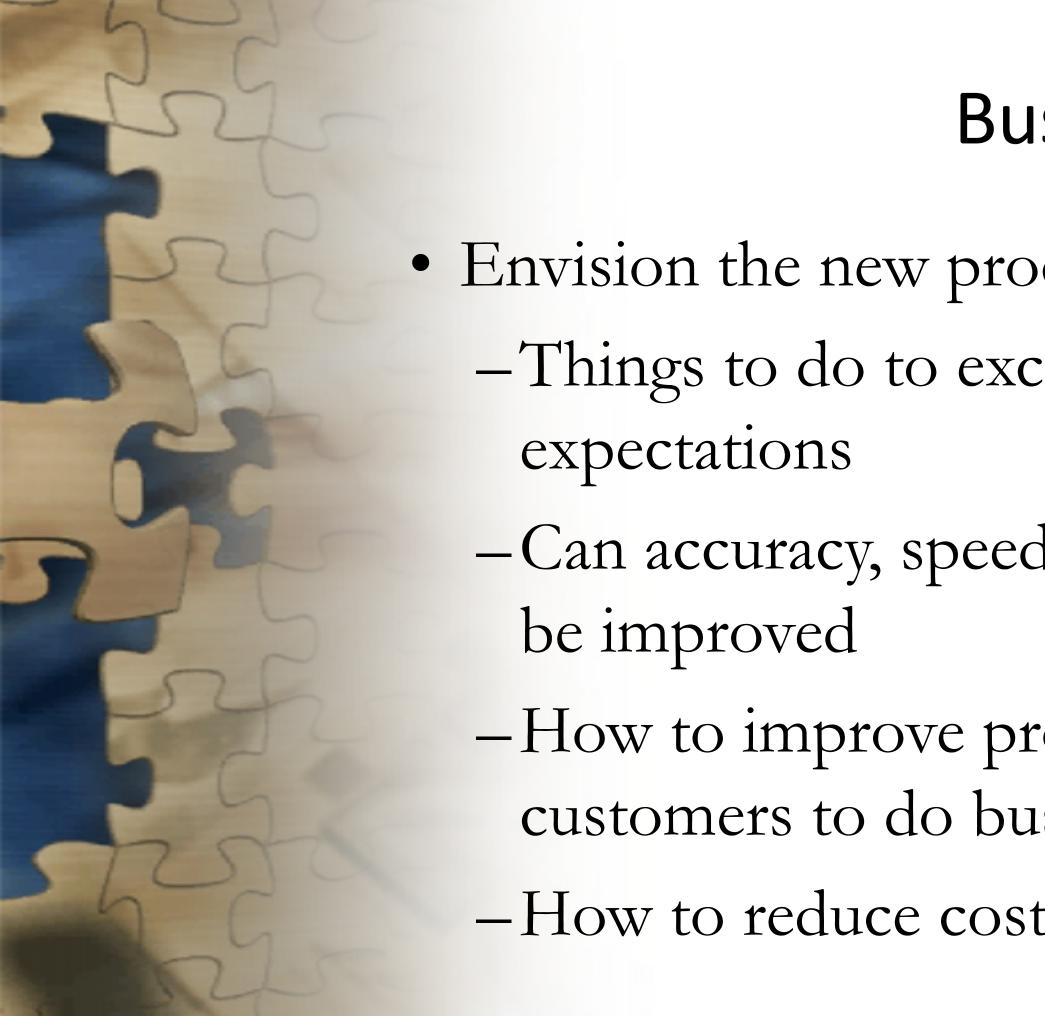


Reference: www.slideshare.net/EnfocusSolutions/business-process-analysis-11471310





- Analyze the current process
 - -Point at which process breaks down
 - Points where people experience frustration with the process
 - -Parts of the process that consume inordinate amount of time
 - Parts of the process that leads to low quality outcomes
 - -Parts of the process that incur unacceptable costs



- Envision the new process
 - -Things to do to exceed customer's
 - -Can accuracy, speed, and quality of processes
 - -How to improve process to make it easier for customers to do business
 - -How to reduce costs, cycle times



Questions to understand the process

What

is there to do?
is being done?
should be done?
can be done?
constraints?

Where

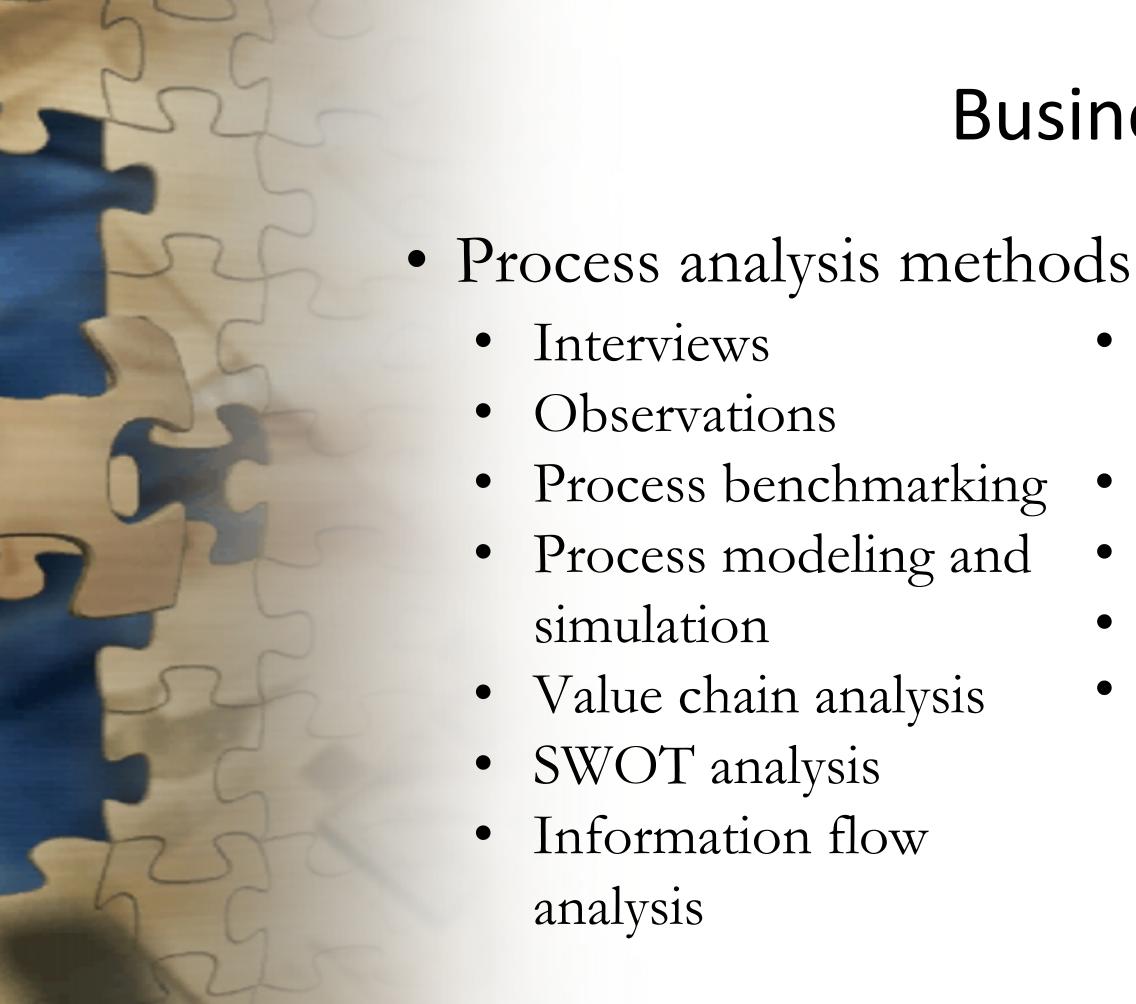
is this job done? should it be done? can it be done?

Who

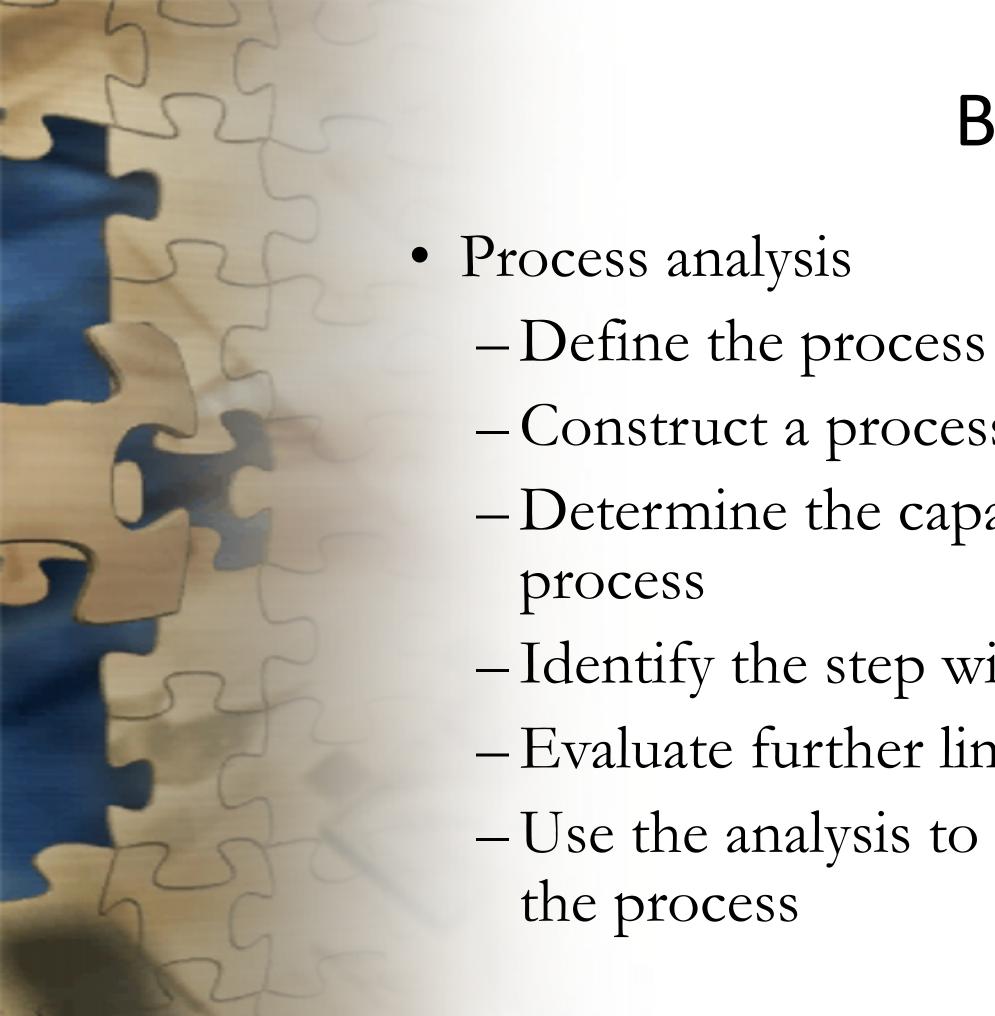
does this job?
should do this job?
knows how to do it?
should know how to do it?

When

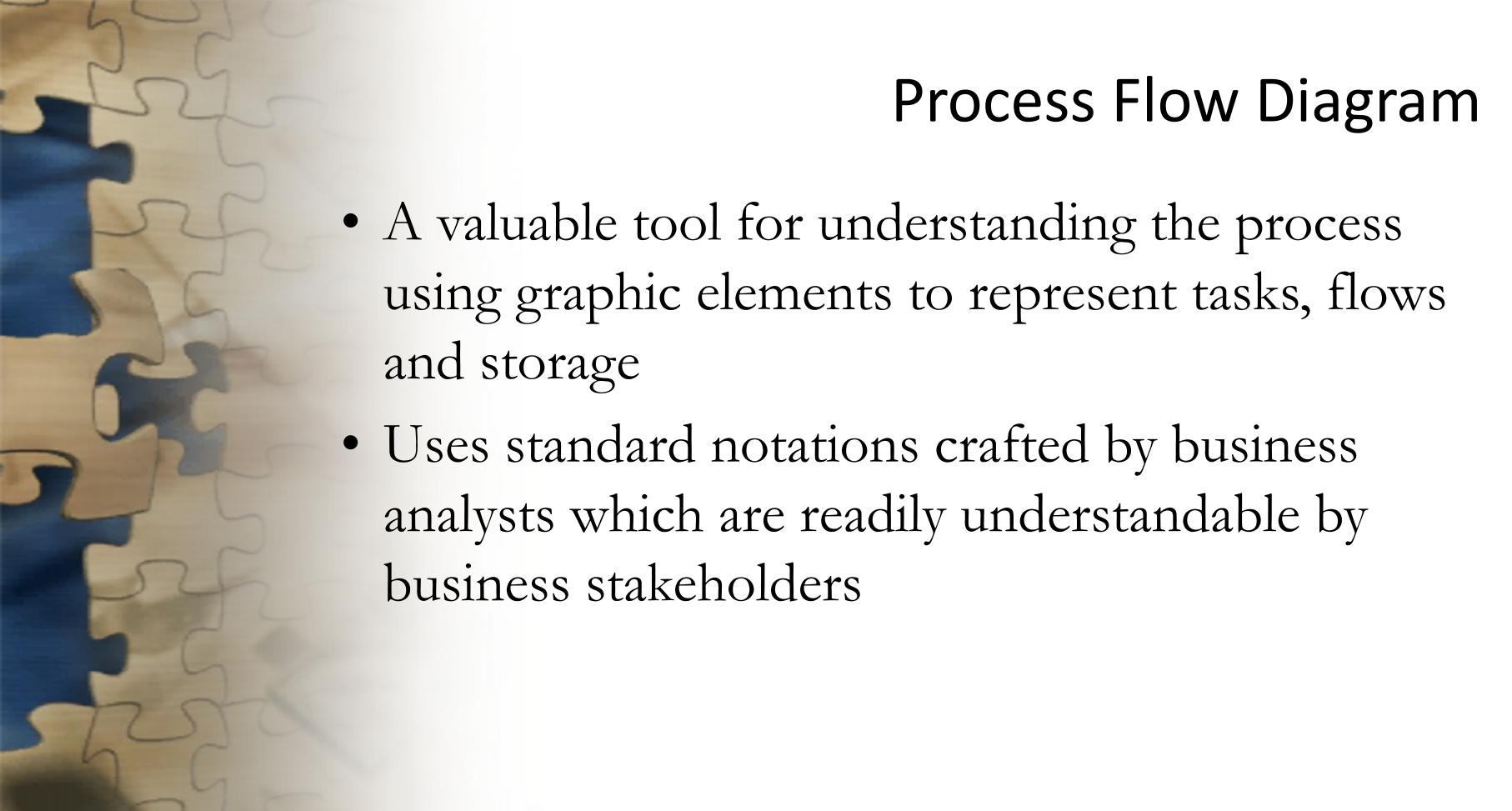
is this job done? should it be done? can it be done?

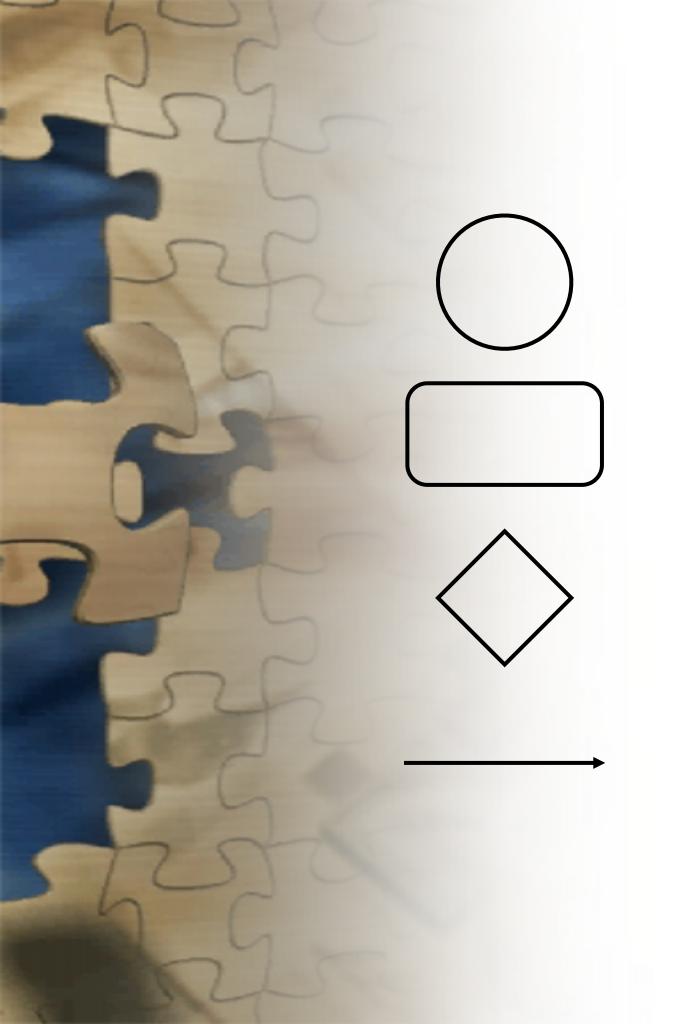


- Business Process Analysis
 - - Discrete event simulation
 - Activity based costing
 - Cycle-time analysis
 - Decision analysis
 - Sensitivity analysis



- Define the process boundaries
- Construct a process flow diagram
- Determine the capacity of each step in the
- Identify the step with the lowest capacity
- Evaluate further limitations
- Use the analysis to make decisions and improve





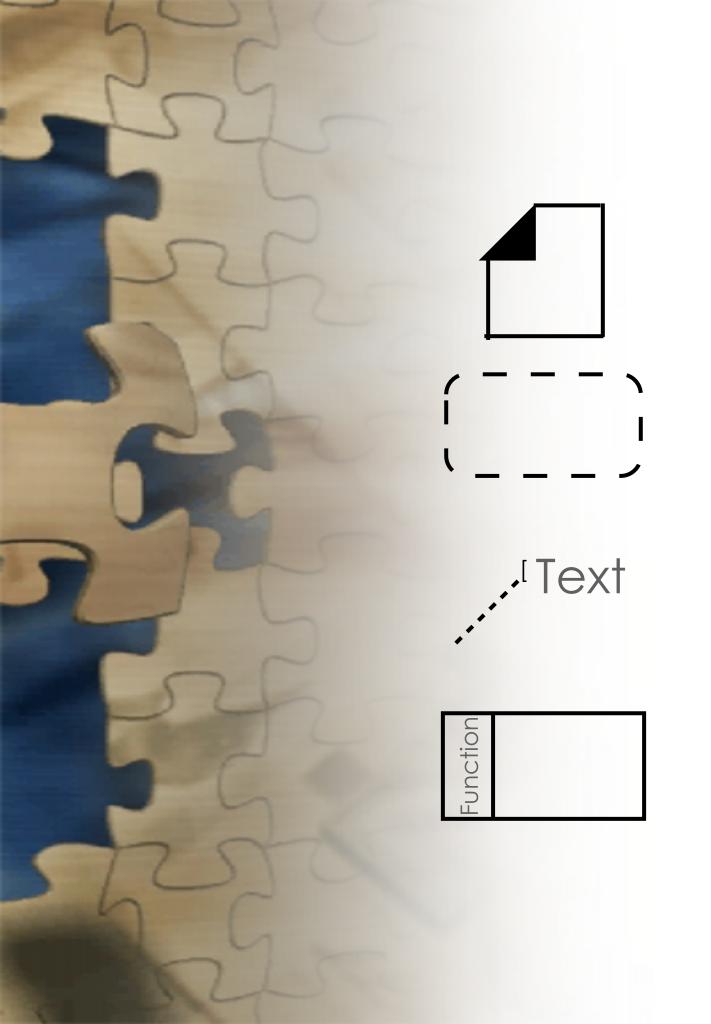
Process Flow Diagram

• Represent start, intermediate, end events

Represent tasks

• Represent decisions

Represent flows



Process Flow Diagram

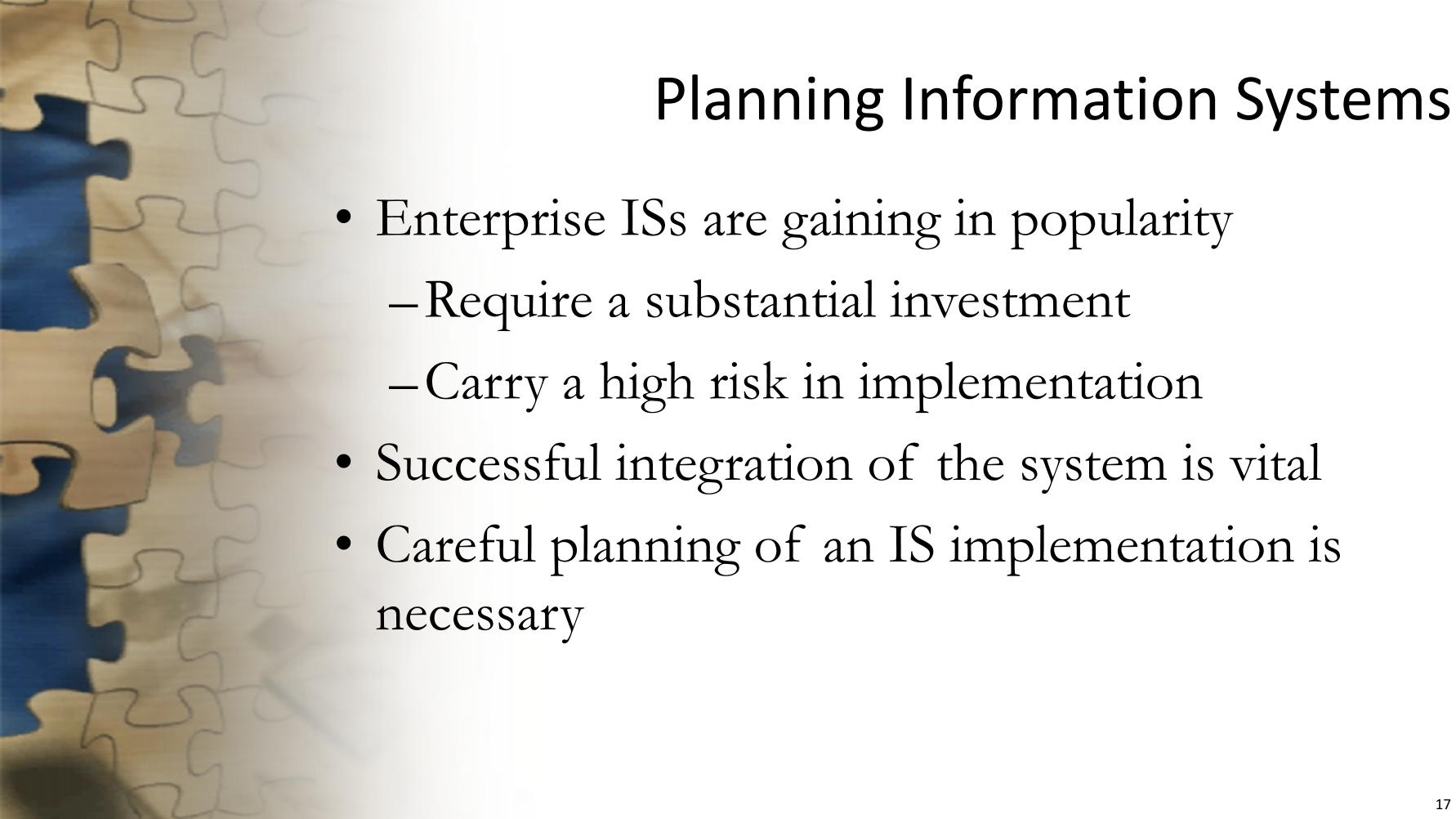
• Represent input data, output data

• Represent group of tasks

• Represent annotation

• Represent scope or role of a performer

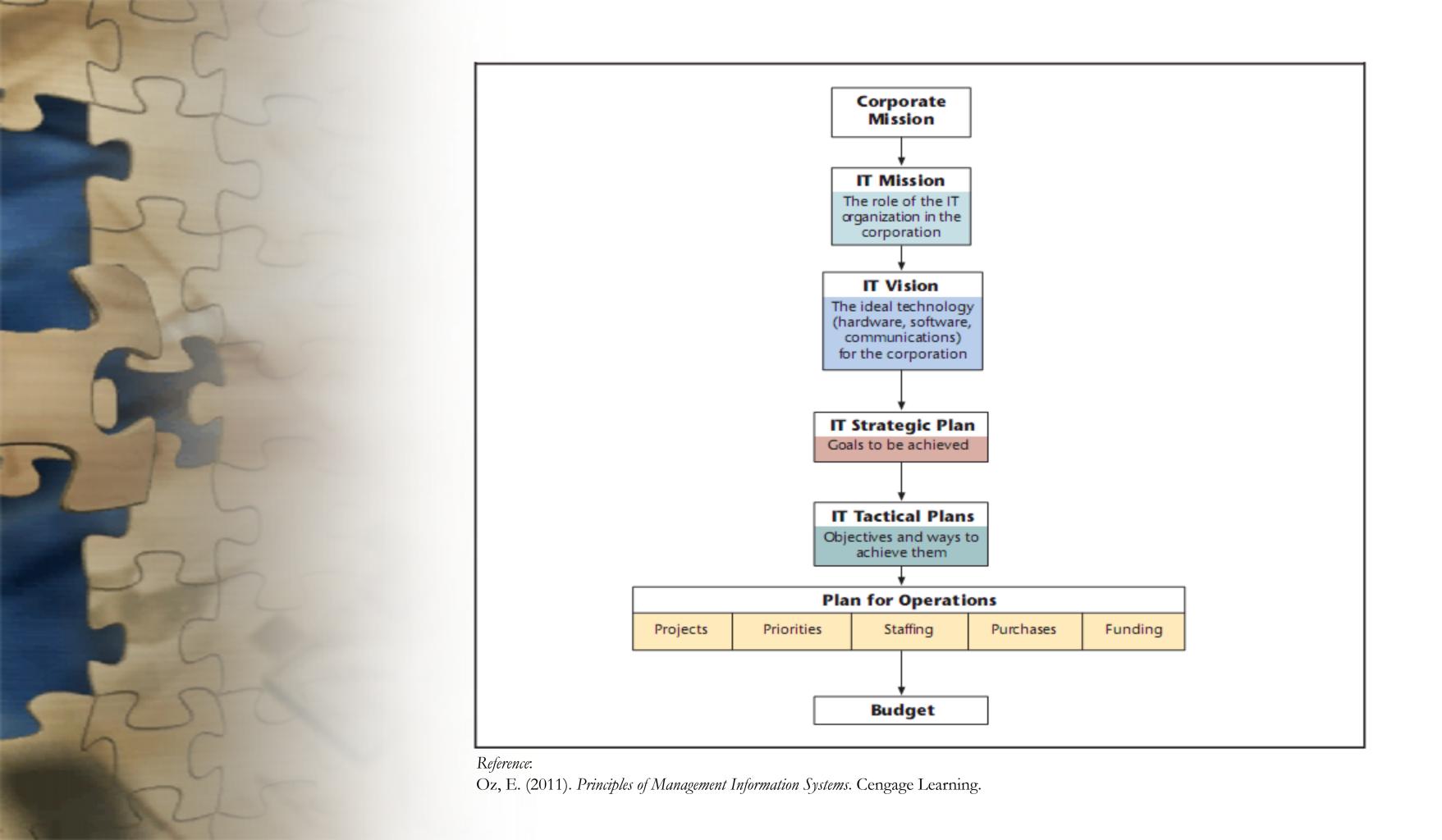


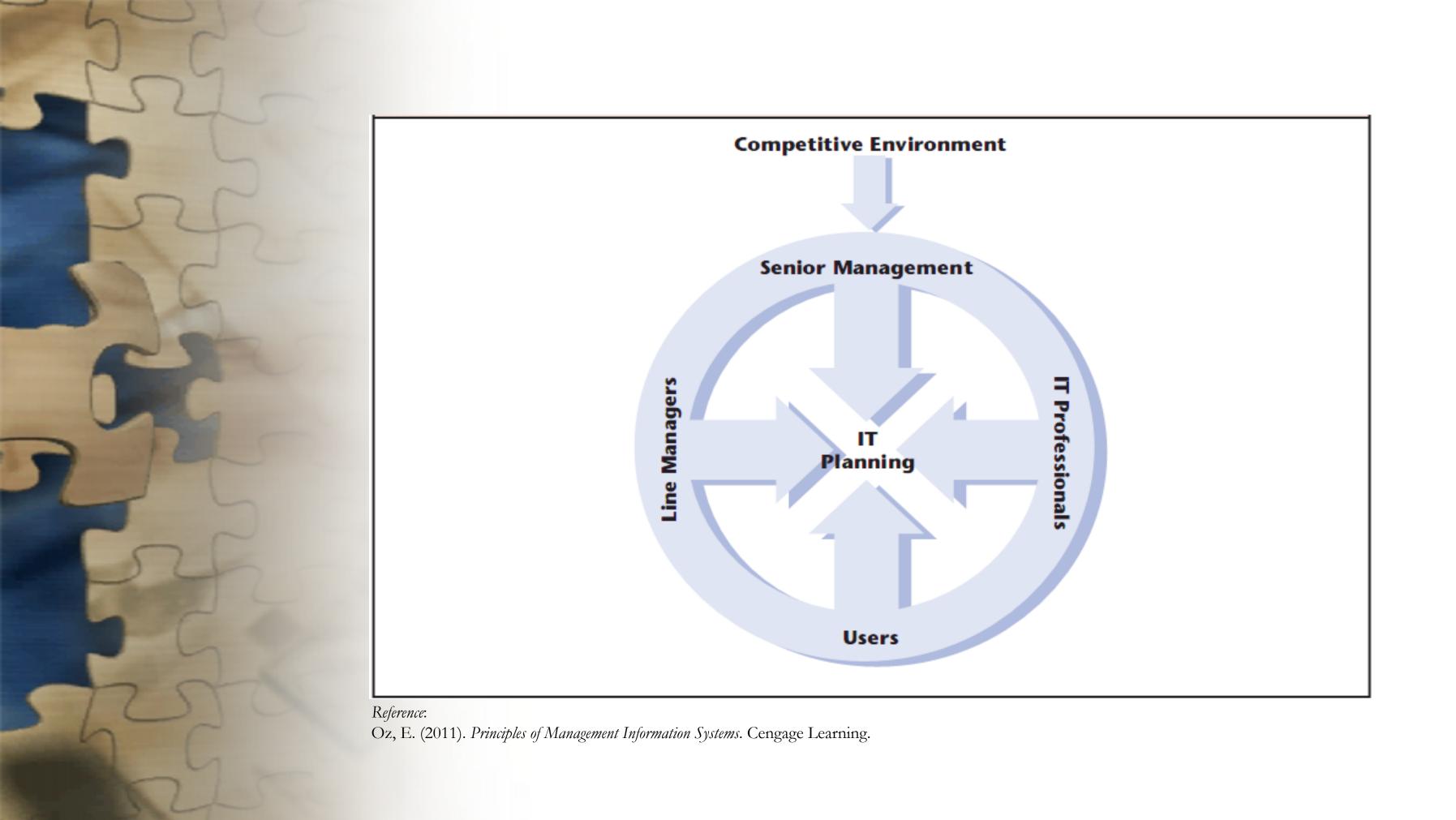




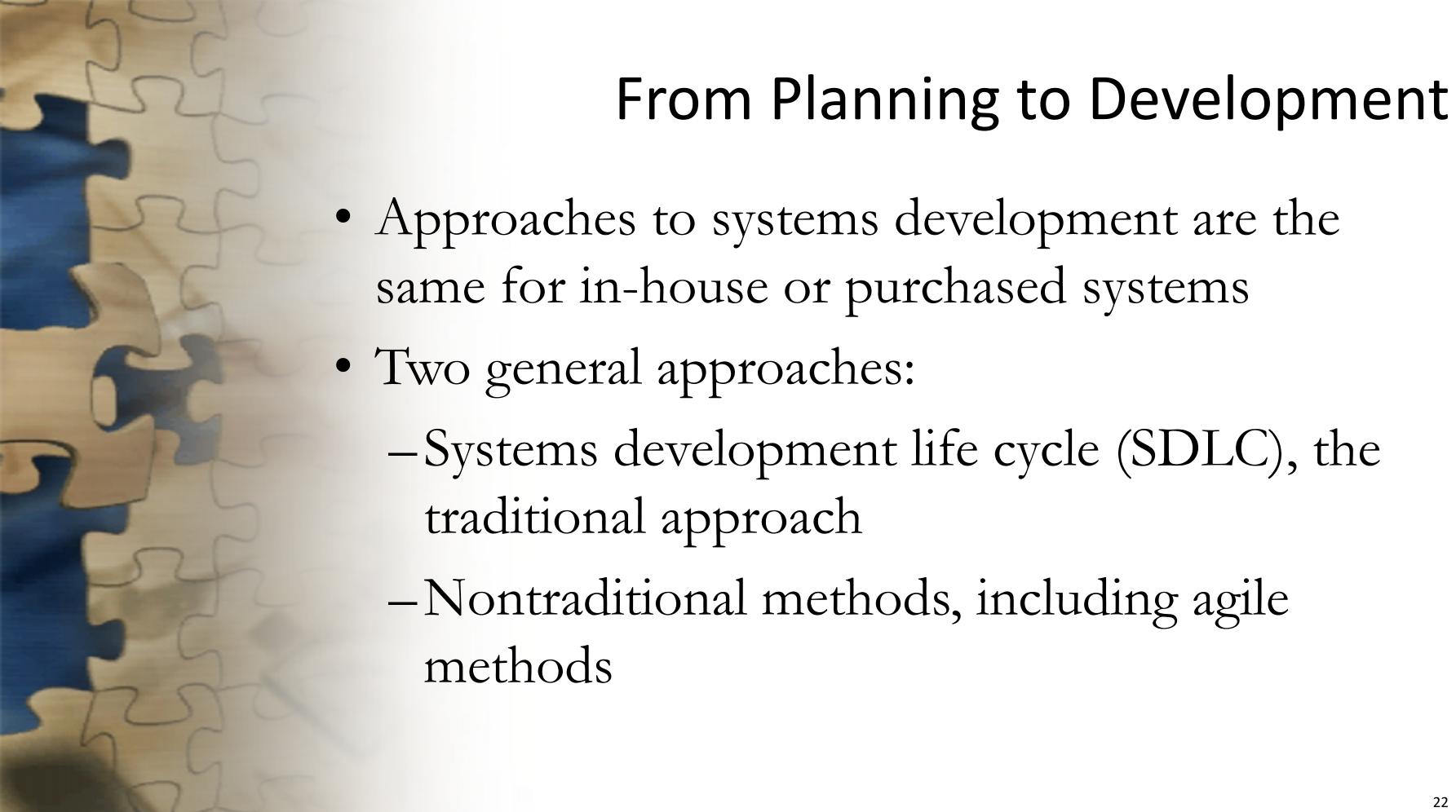
Steps in Planning Information Systems

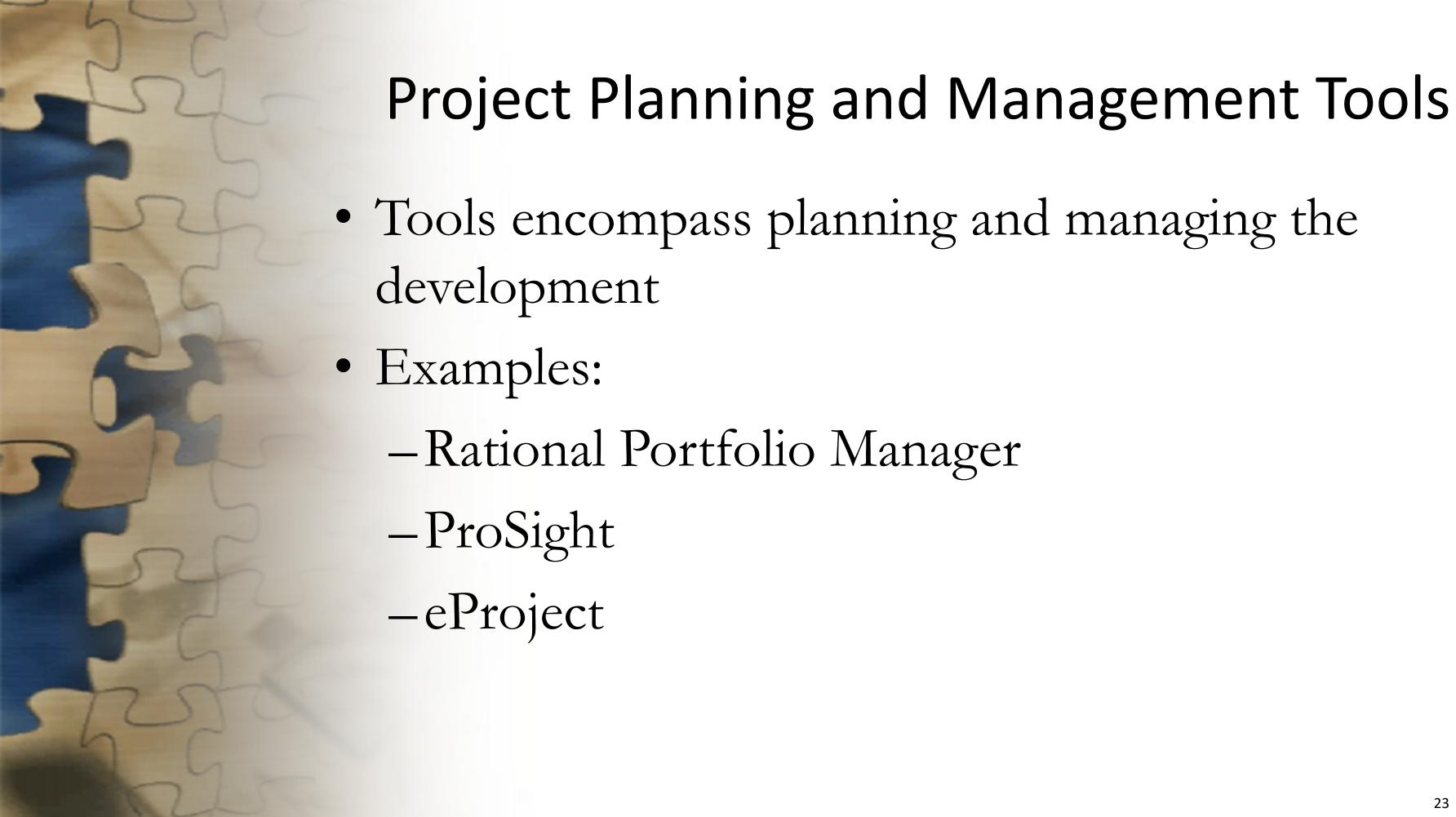
- IT planning includes several key steps:
 - Create a corporate and IT mission statement
 - -Articulate the vision for IT within the organization
 - Create IT strategic and tactical plans
 - Create a plan for operations to achieve the mission and vision
 - Create a budget to ensure that resources are available to achieve the mission and vision

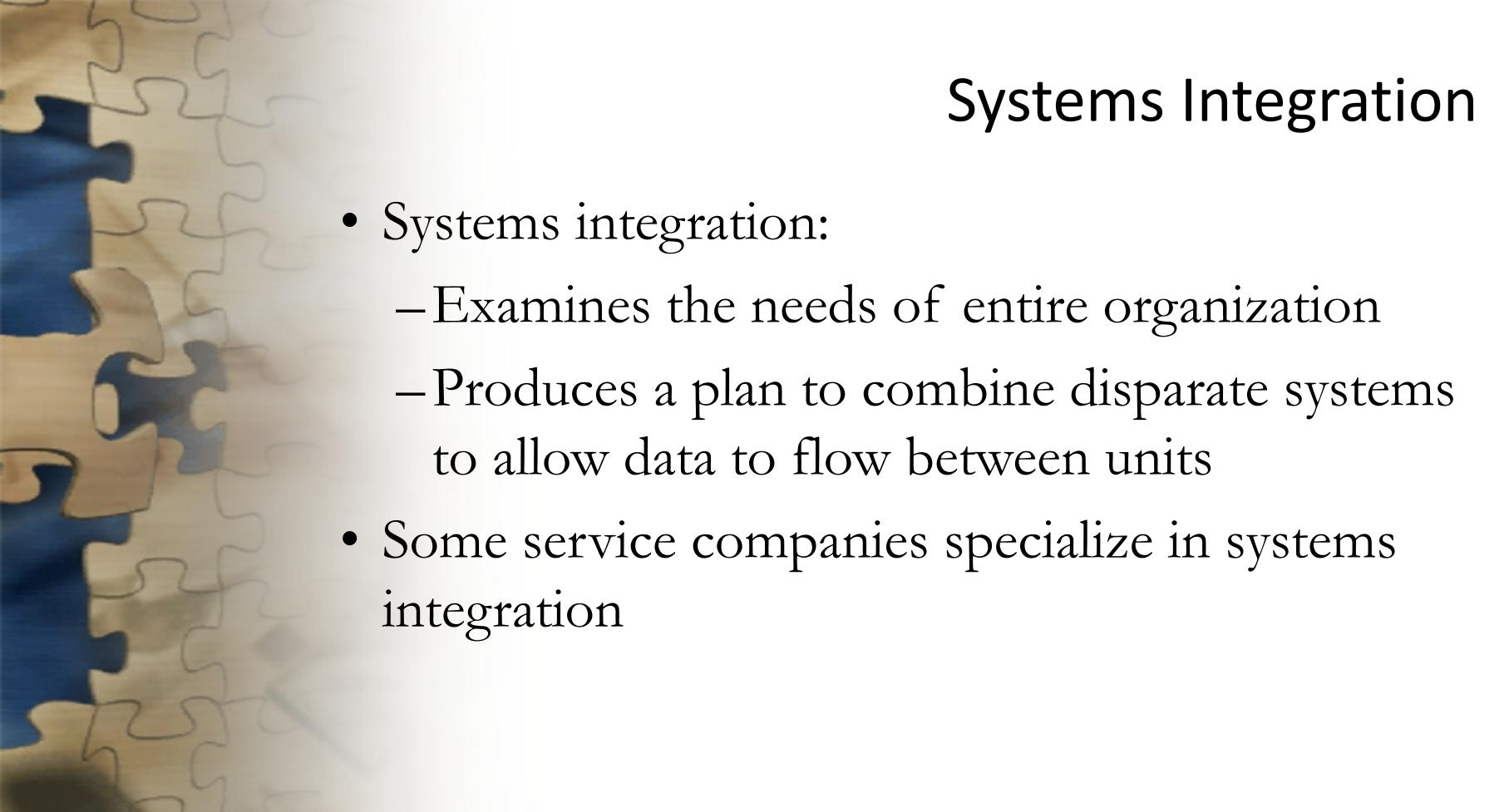












Systems Integration Linking existing ISs to Web sites Linking databases to Web sites Interfacing legacy systems with new systems Linking legacy databases with enterprise applications Sharing information systems among organizations Reference: Oz, E. (2011). Principles of Management Information Systems. Cengage Learning.

