

# Business Process Management (BPM) Helps firms manage incremental process changes that are less disruptive BPR Uses process-mapping tools to: Identify and document existing processes Identify and document existing processes that can be translated into software systems Measure impact of process changes on key business performance indicators Work flow management Quality measurement and management Change management Process monitoring and analysis



























# 2. Systems Design

- Describe system specifications that will deliver functions identified during systems analysis
- Should address all managerial, organizational, and technological components of system solution
- \*Role of end users
  - User information requirements drive system building
  - Users must have sufficient control over design process to ensure that system reflects their business priorities and information needs
  - Insufficient user involvement in design effort is major cause of system failure
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<b>Design Specifications</b>		
OUTPUT Medium Content Timing INPUT Origins Flow Data entry USER INTERFACE Simplicity Efficiency Logic Feedback Errors DATABASE DESIGN Logical data model Volume and speed requirements File organization and design Record specifications	PROCESSING Computations Program modules Required reports Timing of outputs MANUAL PROCEDURES What activities Who performs them When How Where CONTROLS Input controls (characters, limit, reasonableness) Processing controls (consistency, record counts) Output controls (totals, samples of output) Procedural controls (passwords, special forms) SECURITY Access controls	Documentation Operations documentation Systems documents User documentation CONVERSION Transfer files Initiate new procedures Select training method Cut over to new system IRAINING Select training techniques Develop training modules Identify training facilities ORGANIZATIONAL CHANGES Task redesign Job redesign Process design Organization structure design Reporting relationships
	Catastrophe plans Audit trails	Copyright © 2018 R.M. Laurie





