

NC State University
Business Continuity & Disaster Recovery



Campus-wide Business Continuity Planning

Associate Dean's Meeting
June 19, 2003



Mission Statement

- ★ The Mission of the Department of Business Continuity is
 - to provide leadership in coordinating, assessing, developing and communicating business continuity planning principles to campus departments and colleges
 - to educate the campus departments and colleges on the development, testing, and maintenance of Business Continuity Plans



Definitions

- ★ **BUSINESS CONTINUITY PLANNING** (BCP) is the process of developing advance arrangements and procedures that enable an organization to **respond** to an event that could occur by chance or unforeseen circumstances.



Definitions

- ★ **DISASTER RECOVERY PLANNING:**
The *technological* aspect of business continuity planning. The advance planning and preparations that are necessary to **minimize loss** and ensure continuity of the **critical** business functions of an organization in the event of disaster.

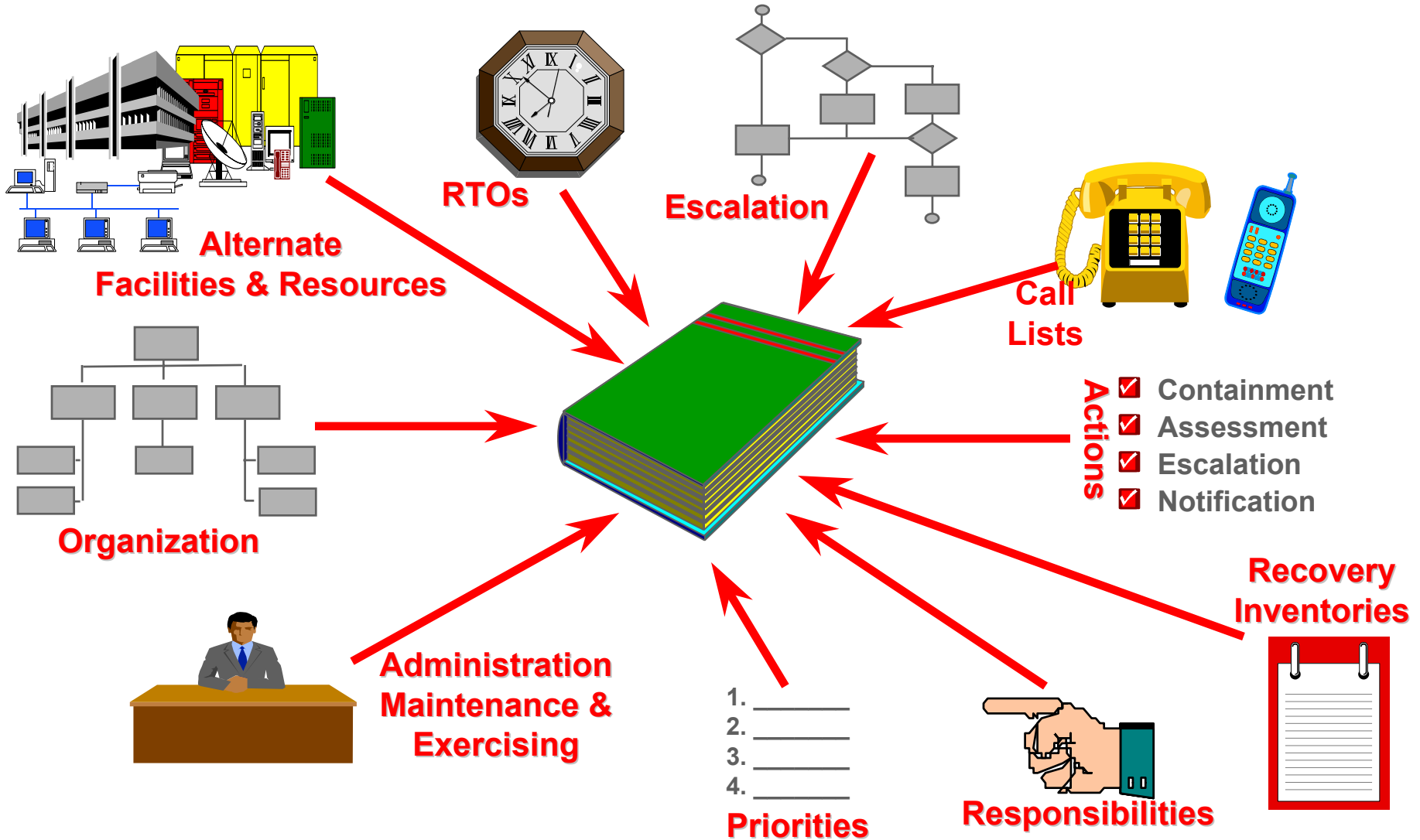


Definitions

- ★ **A Business Continuity Plan** is a collection of resources, actions, procedures, and information that is developed, tested, and held in readiness for use in the event of a major disruption of business operations.



What's in It?



Why are we doing this?

- ★ In March 2002, Chancellor Marye Anne Fox created a University-wide Business Continuity and Disaster Recovery Planning Committee.
 - **Role:** To *expand* disaster recovery business continuity planning efforts beyond the current focus on administrative and academic information technology resources and services.



What is Mission Critical

- ★ Activities are mission critical if the University could not function or meet core obligations and commitments without them.
 - potential impacts on the safety of resident and non-resident students, faculty, and staff; the preservation of property and facilities; academic and research activities; and financial operations



Chancellors Goals

- ★ Identify academic and business units requiring comprehensive business continuity and disaster recovery plans
- ★ Establish a template that may be followed to help units establish their plans
- ★ Determine what resources are required to assure implementation of plans
- ★ Define the process to facilitate the coordination of all university business continuity and disaster recovery efforts and related issues such as crisis management



Decentralized Planning

- ★ Ten colleges and many business units with disjointed plans
- ★ Centralized computing and communications disaster recovery plan
- ★ Staff and students uneducated in campus business continuity efforts
- ★ Independent vendor contracts



Problems

- ★ Departments have the discretion in choosing among options.
 - An Enterprise approach forces departments to take responsibility for their decisions
- ★ Encourages departments to explore innovative opportunities
- ★ **RISKS:**
 - Inconsistent business continuity practices
 - Departments are not appropriately accountable



Enterprise BCP

- ★ Capitalizes on economies of scale
- ★ Costs of duplicating overhead and facilities can be avoided
- ★ Organizational protocols are easier to enforce
- ★ Keeps performance in line with organizational protocols and standards



Enterprise BCP

- ★ Enables the university to quickly and effectively manage and resolve emergency situations
- ★ Takes advantage of previous work and currently positioned resources and competencies
- ★ Enables academic and administrative units to concentrate on what they know best and call on other resources for requirements outside their familiar business components



BCP impacts

- ★ Business Continuity impacts
 - Staff (displaced workers)
 - Faculty (teaching/classrooms)
 - Students (housing/dining)
 - funding source (loss of funding)



Potential Risks

- ★ loss of computing
- ★ research experiments sabotage/loss of research data
- ★ animal activist (PETA)
- ★ loss of power
- ★ train derailments
- ★ interruptions due to nuclear reactor



2001 Risk Assessment Results

- * Facilities maintenance
- * Health Services
- * Housing
- * Budget Management
- * Accounting
- * Materials Management
- * Communication services
- * Laboratory animals
- * Admissions and Application Processing
- * Registration
- * Student Account Management
- * Payroll
- * Contracts & Grants



What Resources are available

- ★ No funding available
- ★ Department of Business Continuity will help you
 - Work with a coordinator from your college in developing the BCP
 - Provide templates and education



How can you help . . .

- ★ Identify a **Coordinator** from your area that the Department of Business Continuity can work with to develop the Business Continuity Plan
 - A Risk Assessment workshop is scheduled for July 16



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