

A S I S I N T E R N A T I O N A L

# Business Continuity Management Systems: Requirements with Guidance for Use

ASIS/BSI BCM.01-2010

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an American National Standard

# BUSINESS CONTINUITY MANAGEMENT SYSTEMS: REQUIREMENTS WITH GUIDANCE FOR USE

*A management systems approach for preparedness and  
business/operational continuity management*

Approved November 2, 2010

**American National Standards Institute, Inc.**

**ASIS International and British Standards Institution (BSI)**

## **Abstract**

Based on the BS 25999 Business continuity management (Part 1 and Part 2), this *Standard* specifies requirements for a *business continuity management system (BCMS)* to enable an organization to identify, develop, and implement policies, objectives, capabilities, processes, and programs—taking into account legal and other requirements to which the organization subscribes—to address disruptive events that might impact the organization and its stakeholders. This *Standard* specifies requirements for planning, establishing, implementing, operating, monitoring, reviewing, exercising, maintaining, and improving a documented BCMS within the context of managing an organization's risks.

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ASIS International and BSI collaborated in the development of the *Business Continuity Management Systems: Requirements for Guidance for Use* Standard. This management systems standard provides generic auditable criteria and informative guidance on business continuity management.

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## 0 INTRODUCTION

### 0.1 General

A *business continuity management system (BCMS)* is an organization-wide process that establishes a fit-for-purpose, strategic, and operational framework that upon implementation by the organization's leadership:

- Improves an organization's ability to withstand disruptive events that may jeopardize the achievement of its purpose, mission, and strategic objectives.
- Delivers a demonstrable capability to manage a disruption and protect stakeholder interests.
- Provides a structured and rehearsed method of restoring an organization's productive ability within a planned timeframe after a disruption.
- Enables an organization to return to its normal state more quickly and safely than would otherwise be possible.
- Supports maintenance and continuous improvement of the organization's BCMS.
- Promotes the safety and security of internal and external stakeholders.

An actively engaged top management team that directs and embraces a BCMS enables an organization to create and maintain an effective and efficient business continuity program (processes, strategies, and solutions). The BCMS enables the organization to systematically address its stakeholder business continuity needs.

This *Standard* may be used by private, public, not-for-profit, and voluntary organizations, regardless of their size, scope, or complexity. The *Standard* accommodates diverse jurisdictional, geographical, cultural, operational, and social environments.

The success of a BCMS depends on the active engagement, endorsement, and commitment of organizational leadership to the BCMS. A BCMS enables an organization to develop a business continuity management policy, establish objectives and processes to achieve the policy commitments, and take action as needed for continual improvement of business continuity performance. A management system is a dynamic and iterative process; therefore, many of the requirements in this *Standard* may be addressed concurrently or revisited at any time.

A BCMS has the following base components:

- a) A policy providing a framework for management's business continuity objectives and expectations;
- b) A definition of roles, responsibilities, and resources;
- c) A description of required management process relating to:
  - i. Policy;
  - ii. Strategic planning;
  - iii. Business continuity planning and procedural implementation and operation;

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- iv. Performance assessment;
  - v. Management review; and
  - vi. Continual improvement.
- d) A set of documentation providing auditable evidence demonstrating process implementation and repeatability.

The adoption and implementation of a range of business continuity management techniques in a systematic manner can contribute to optimal outcomes for all stakeholders and affected parties. However, adoption of this *Standard* will not by itself guarantee optimal preparedness, continuity, and response outcomes. In order to achieve its objectives, the BCMS should incorporate the best available practices, techniques, and technologies, where appropriate and where economically viable. The cost-effectiveness of such practices, techniques, and technologies should be taken fully into account.

This *Standard* does not establish absolute requirements for preparedness, response, continuity, or recovery performance beyond commitments in the organization's policy to:

- a) Comply with applicable legal requirements and with other requirements to which the organization subscribes;
- b) Support risk minimization and mitigation; and
- c) Promote continual improvement.

The main body of this *Standard* contains only those generic criteria that may be objectively audited. Guidance on supporting BCM techniques is contained in the annexes of this document.

This *Standard*, like other management standards, is not intended to be used to create non-tariff trade barriers or to increase or change an organization's legal obligations. Indeed, conformance with a standard does not in itself confer immunity from legal obligations. Verification of an organization's conformance to this *Standard* may be performed through an external or internal auditing process. Verification may be by a first-, second-, or third-party mechanism. Verification does not require third-party certification.

This *Standard* does not include requirements specific to other management systems such as those for quality, occupational health and safety, or financial risk management—though its elements can be aligned or integrated with those of other management systems. It is possible for an organization to adapt its existing management system(s) in order to establish a BCMS that conforms to the criteria of this *Standard*. It should be understood, however, that the application of various elements of the management system might differ depending on the intended purpose and the stakeholder involved.

The level of detail and complexity of the BCMS, the extent of documentation, and the resources devoted to it will be dependent on a number of factors—such as the scope of the system; the

size of an organization; and the nature of its activities, products, and services. This may be the case in particular for small and medium-sized enterprises.

## 0.2 Plan-Do-Check-Act (PDCA) cycle

The management systems approach encourages organizations to analyze organizational and stakeholder requirements and define processes that contribute to success. This *Standard* applies the "Plan-Do-Check-Act" (PDCA) cycle to establishing, implementing, operating, monitoring, exercising, maintaining, and improving the effectiveness of an organization's BCMS.

Use of the PDCA model ensures a degree of consistency with other management systems standards, such as ISO 9001:2008 (Quality Management Systems), ISO 14001:2004 (Environmental Management Systems), ISO/IEC 27001:2005 (Information Security Management Systems), ISO 28000 (Security in the Supply Chain) and ISO/IEC 20000:2005 (IT Service Management), thereby supporting consistent and integrated implementation and operation with related management systems. A suitably designed management system can thus satisfy the requirements of all these standards (see Annex B). Organizations that have adopted an ISO approach to management systems may be able to use their existing management system as a foundation for the business continuity management system.

Figure 1 illustrates how a BCMS takes as inputs the business continuity requirements and expectations of the interested parties and, through the necessary actions and processes, produces business continuity outcomes (i.e., managed business continuity) that meet those requirements and expectations.

NOTE: In practice, a PDCA cycle is applied to each stage of the BCMS process in an iterative approach.

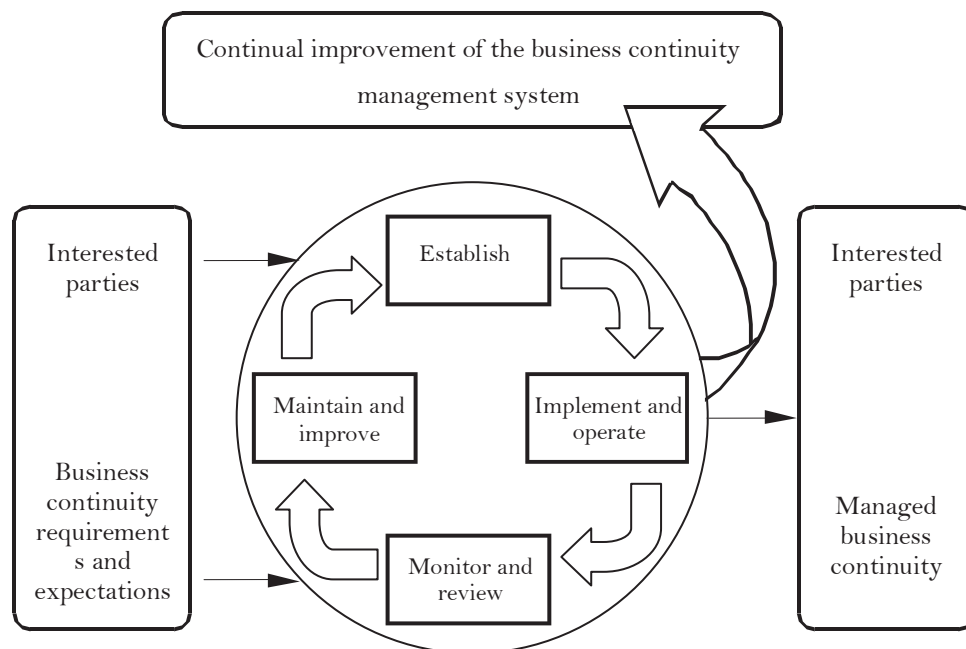


Figure 1: PDCA cycle applied to BCMS processes

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<b>Plan</b> (establish the management system)	Establish management system policy, objectives, processes, and procedures relevant to managing business continuity risks and improving response and recovery processes that deliver results in accordance with the organization's strategic needs.
<b>Do</b> (implement and operate the management system)	Implement and operate the management system policy, controls, processes, and procedures.
<b>Check</b> (monitor and review the management system)	Monitor, assess, measure, and review performance against management system policy, objectives, and practical experience; report the results to management for review; and determine and authorize actions for remediation and improvement.
<b>Act</b> (maintain and improve the management system)	Take corrective and preventive actions, based on the results of the internal management system audit and management review, re-appraising the scope of the BCMS and business continuity policy and objectives to achieve continual improvement of the management system.

Conformance with this *Standard* can be verified by the auditing process described in ISO 19011:2002 that is compatible and consistent with the methodology used for ISO 9001:2008, ISO 14001:2004, ISO 28000:2007, and/or ISO/IEC 27001:2005, and the PDCA Model.

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# Business Continuity Management Systems: Requirements with Guidance for Use

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## 1 SCOPE OF STANDARD

This *Standard* specifies requirements for a *business continuity management system (BCMS)* to enable an organization to identify, develop, and implement policies, objectives, capabilities, processes, and programs—taking into account legal and other requirements to which the organization subscribes or is governed by—to address disruptive events that might impact the organization and its stakeholders. This *Standard* specifies requirements for planning, establishing, implementing, operating, monitoring, reviewing, exercising, maintaining, and improving a documented BCMS within the context of managing an organization’s risks.

The requirements specified in this *Standard* are generic and intended to be applicable to all organizations (or parts thereof), regardless of type, size, and nature of the organizational mission. The scope of these requirements depends on the organization’s operating environment and complexity.

This *Standard* seeks to offer a flexible management systems approach to address and minimize the consequences associated with disruptive events.

This *Standard* addresses all aspects of the organization deemed essential to meeting commitments (as agreed to by top management), consistent with the scope of the BCMS. The *Standard* does not itself state specific performance criteria.

The intent of this *Standard* is to position an organization to design a BCMS that is appropriate to its needs. These needs are shaped by customer and other stakeholder, regulatory, and operational requirements; the products and services; the processes employed; the size and structure of the organization; and jurisdictional and geographic areas of operation.

This *Standard* is applicable to any organization that chooses to:

- a) Establish, implement, maintain, and improve a BCMS.
- b) Assure itself of its conformity with its stated business continuity management policy.
- c) Demonstrate conformity with this *Standard* by:
  - i. Making a self-determination and self-declaration.
  - ii. Seeking confirmation of its conformance by parties having an interest in the organization (such as customers and supply chain partners).
  - iii. Seeking confirmation of its self-declaration by a party external to the organization.
  - iv. Seeking certification/registration of its BCMS by an external organization.

Annex A provides informative guidance on management system planning, implementation, testing, maintenance, and improvement of a business continuity program.

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## 2 NORMATIVE REFERENCES

The following standards contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this American National Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

### 2.1 *General Reference*<sup>1</sup>

ISO Guide 73:2002, *Risk management – Vocabulary – Guidelines for use in standards*.

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## 3 TERMS AND DEFINITIONS

An extensive *Glossary* of terms appears in Annex D.

NOTE: The reader is encouraged to read through the terms and definitions prior to reading the body of the document.

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## 4 BUSINESS CONTINUITY MANAGEMENT SYSTEM (BCMS) REQUIREMENTS

### 4.1 *General Requirements*

The organization shall establish, implement, operate, monitor, review, maintain, and improve a documented BCMS within the context of the organization's overall operational activities and the risks it faces. Figure 2 outlines the process specified by this Standard.

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<sup>1</sup> This document is available from the International Organization for Standardization.  
< <http://www.iso.ch/iso/en/prods-services/ISOstore/store.html> >