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Partie 1: Exigences du système de management des services

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CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Contents

Page

Foreword ... **v**

Introduction ... **vii**

1 Scope ... **1**
1.1 General ... 1
1.2 Application ... 1

2 Normative references ... **2**

3 Terms and definitions ... **2**
3.1 Terms specific to management system standards ... 2
3.2 Terms specific to service management ... 6

4 Context of the organization ... **10**
4.1 Understanding the organization and its context ... 10
4.2 Understanding the needs and expectations of interested parties ... 10
4.3 Determining the scope of the service management system ... 10
4.4 Service management system ... 10

5 Leadership ... **10**
5.1 Leadership and commitment ... 10
5.2 Policy ... 11
5.2.1 Establishing the service management policy ... 11
5.2.2 Communicating the service management policy ... 11
5.3 Organizational roles, responsibilities and authorities ... 11

6 Planning ... **12**
6.1 Actions to address risks and opportunities ... 12
6.2 Service management objectives and planning to achieve them ... 12
6.2.1 Establish objectives ... 12
6.2.2 Plan to achieve objectives ... 13
6.3 Plan the service management system ... 13

7 Support of the service management system ... **13**
7.1 Resources ... 13
7.2 Competence ... 14
7.3 Awareness ... 14
7.4 Communication ... 14
7.5 Documented information ... 14
7.5.1 General ... 14
7.5.2 Creating and updating documented information ... 15
7.5.3 Control of documented information ... 15
7.5.4 Service management system documented information ... 15
7.6 Knowledge ... 16

8 Operation of the service management system ... **16**
8.1 Operational planning and control ... 16
8.2 Service portfolio ... 16
8.2.1 Service delivery ... 16
8.2.2 Plan the services ... 16
8.2.3 Control of parties involved in the service lifecycle ... 17
8.2.4 Service catalogue management ... 17
8.2.5 Asset management ... 17
8.2.6 Configuration management ... 18
8.3 Relationship and agreement ... 18
8.3.1 General ... 18
8.3.2 Business relationship management ... 19
8.3.3 Service level management ... 19
8.3.4 Supplier management ... 20

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8.4 Supply and demand 21
8.4.1 Budgeting and accounting for services 21
8.4.2 Demand management 21
8.4.3 Capacity management 21
8.5 Service design, build and transition 21
8.5.1 Change management 21
8.5.2 Service design and transition 23
8.5.3 Release and deployment management 24
8.6 Resolution and fulfilment 24
8.6.1 Incident management 24
8.6.2 Service request management 25
8.6.3 Problem management 25
8.7 Service assurance 25
8.7.1 Service availability management 25
8.7.2 Service continuity management 26
8.7.3 Information security management 26

9 Performance evaluation 27
9.1 Monitoring, measurement, analysis and evaluation 27
9.2 Internal audit 27
9.3 Management review 28
9.4 Service reporting 29

10 Improvement 29
10.1 Nonconformity and corrective action 29
10.2 Continual improvement 29

Bibliography 31

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by ISO/IEC JTC 1, *Information technology*, SC 40, *IT Service Management and IT Governanc*e.

This third edition cancels and replaces the second edition (ISO/IEC 20000-1:2011) which has been technically revised.

The main changes compared to the previous edition are as follows.

a) Restructured into the high level structure used for all management system standards (from Annex SL of the Consolidated ISO Supplement to the ISO/IEC Directives Part 1). This has introduced new common requirements for context of the organization, planning to achieve objectives and actions to address risks and opportunities. There are some common requirements that have updated previous requirements, for example, documented information, resources, competence and awareness.

b) Taken into account the growing trends in service management including topics such as the commoditisation of services, the management of multiple suppliers by an internal or external service integrator and the need to determine value of services for customers.

c) Removed some of the detail to concentrate on what to do and allow organizations the freedom of how to meet the requirements.

d) Included new features such as the addition of requirements about knowledge and planning the services.

e) Separated out clauses that were previously combined for incident management, service request management, service continuity management, service availability management, service level management, service catalogue management, capacity management, demand management.

f) Renamed “Governance of processes operated by other parties” to “Control of parties involved in the service lifecycle” and updated the requirements to include services and service components as well as processes. Clarified that the organization cannot demonstrate conformity to the requirements

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specified in this document if other parties are used to provide or operate all services, service components or processes within the scope of the service management system (SMS).

g) Separated Clause 3 (Terms and definitions) into sub-clauses for management system terms and service management terms. There are many changes to definitions. The key changes include:

   1) some new terms have been added for Annex SL, e.g. “objective”, “policy”, and some have been added specifically for service management, e.g. “asset”, “user”;

   2) the term “service provider” has been replaced by “organization” to fit with the Annex SL common text;

   3) the term “internal group” has been replaced by “internal supplier” and the term “supplier” has been replaced by “external supplier”;

   4) the definition of “information security” has been aligned with ISO/IEC 27000. Subsequently the term “availability” has been replaced by “service availability” to differentiate from the term “availability” which is now used in the revised definition of “information security”.

h) Minimised the required documented information leaving only key documents such as the service management plan. Other documented information changes include:

   1) removed requirement for documented capacity plan and replaced with requirement to plan capacity;

   2) removed requirement for documented availability plan and replaced with requirement to document service availability requirements and targets;

   3) removed requirement for a configuration management database and replaced with requirements for configuration information;

   4) removed requirement for a release policy and replaced with a requirement to define release types and frequency;

   5) removed requirement for a continual improvement policy and replaced with a requirement to determine evaluation criteria for opportunities for improvement.

i) Updated and renumbered Figures 2 and 3 to Figures 1 and 2. Removed Figure 1 and references to Plan-Do-Check-Act as this is not specifically used in Annex SL because many improvement methods can be used with management system standards.

j) Moved detailed reporting requirements from the service reporting clause into the clauses where the reports are likely to be produced.

A list of all parts in the ISO/IEC 20000 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

This document has been prepared to specify requirements for establishing, implementing, maintaining and continually improving a service management system (SMS). An SMS supports the management of the service lifecycle, including the planning, design, transition, delivery and improvement of services, which meet agreed requirements and deliver value for customers, users and the organization delivering the services.

The adoption of an SMS is a strategic decision for an organization and is influenced by the organization's objectives, the governing body, other parties involved in the service lifecycle and the need for effective and resilient services.

Implementation and operation of an SMS provides ongoing visibility, control of services and continual improvement, leading to greater effectiveness and efficiency. Improvement for service management applies to the SMS and the services.

This document is intentionally independent of specific guidance. The organization can use a combination of generally accepted frameworks and its own experience. The requirements specified in this document align with commonly used improvement methodologies. Appropriate tools for service management can be used to support the SMS.

ISO/IEC 20000-2 provides guidance on the application of service management systems including examples of how to meet the requirements specified in this document. ISO/IEC 20000-10 provides information on all of the parts of the ISO/IEC 20000 series, benefits, misperceptions and other related standards. ISO/IEC 20000-10 lists the terms and definitions included in this document in addition to terms not used in this document but used in other parts of the ISO/IEC 20000 series.

The clause structure (i.e. clause sequence), terms in 3.1 and many of the requirements are taken from Annex SL of the Consolidated ISO Supplement to the ISO/IEC Directives Part 1, known as the common high level structure (HLS) for management system standards. The adoption of the HLS enables an organization to align or integrate multiple management system standards. For example, an SMS can be integrated with a quality management system based on ISO 9001 or an information security management system based on ISO/IEC 27001.

Figure 1 illustrates an SMS showing the clause content of this document. It does not represent a structural hierarchy, sequence or authority levels. There is no requirement in this document for its structure to be applied to an organization's SMS. There is no requirement for the terms used by an organization to be replaced by the terms used in this document. Organizations can choose to use terms that suit their operations.

The structure of clauses is intended to provide a coherent presentation of requirements, rather than a model for documenting an organization's policies, objectives and processes. Each organization can choose how to combine the requirements into processes. The relationship between each organization and its customers, users and other interested parties influences how the processes are implemented. However, an SMS as designed by an organization, cannot exclude any of the requirements specified in this document.

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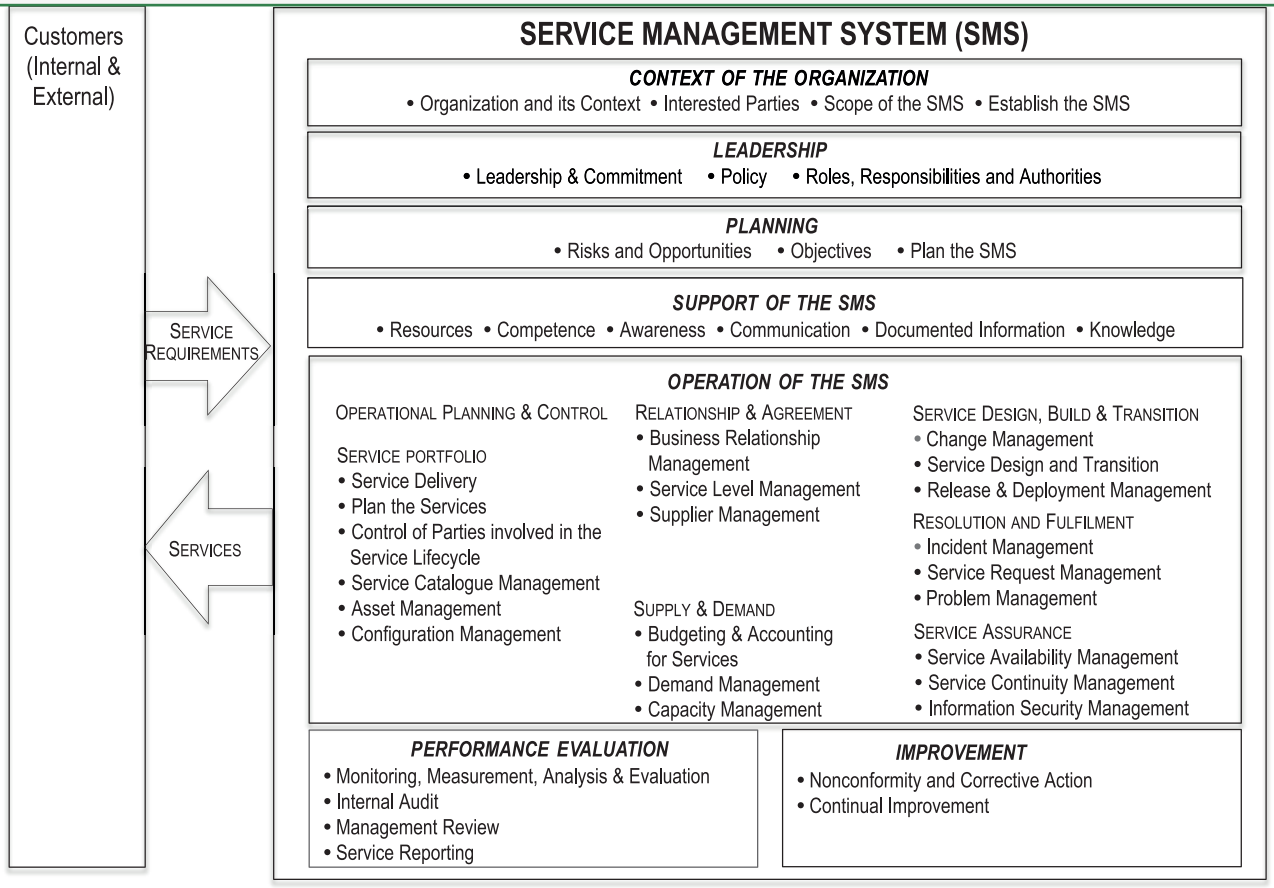


Figure 1 — Service management system

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