



# GUIDE 75

First edition  
2006-11

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## **Strategic principles for future IEC and ISO standardization in industrial automation**

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Reference number  
ISO/IEC GUIDE 75:2006(E)



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## Strategic principles for future IEC and ISO standardization in industrial automation

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PRICE CODE

**P**

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## CONTENTS

FOREWORD .....	3
1 Scope .....	4
2 Introduction .....	4
3 Abbreviations .....	5
4 New environment .....	6
5 Evolution of requirements .....	7
6 Recommendations for new standardization principles common to all segments .....	9
7 Recommendations for new standardization principles specific to segment 1 .....	12
8 Recommendations for new standardization principles specific to segment 2 .....	13
9 Recommendations for new standardization principles specific to segment 3 .....	14
10 Conformity assessment and marking common to all segments .....	14
BIBLIOGRAPHY .....	16
Table 1 – Standards segmentation .....	5

## STRATEGIC PRINCIPLES FOR FUTURE IEC AND ISO STANDARDIZATION IN INDUSTRIAL AUTOMATION

### FOREWORD

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standards. 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.

Guides are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

Draft Guides adopted by the responsible committee or group are circulated to national bodies for voting. Publication as a Guide requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this Guide may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC Guide 75 was prepared by the IEC Sector Board 3 (SB 3), *Industrial automation systems*.

This Guide may be revised in due course on the basis of practical experience. Committees writing standards are invited to inform the ISO Central Secretariat or the IEC Central Office of any difficulties encountered with the implementation of its provisions.

One aspect of this Guide requires particular comment.

“Future ... standardization” indicates that these proposals are forward-looking. However, existing standards are also affected.

SB 3's terms of reference and the experience of its members both restrict the formal domain of these recommendations to that of industrial automation. However, the members are of the unanimous opinion that the recommended principles could have much wider application because many of them are generic, and could thus be relevant to many other industrial sectors.

The text of this guide is based on the following documents:

Approval document	Report on voting
C/1407/DV	C/1442/RV

Full information on the voting for the approval of this Guide can be found in the report on voting indicated in the above table.

## **STRATEGIC PRINCIPLES FOR FUTURE IEC AND ISO STANDARDIZATION IN INDUSTRIAL AUTOMATION**

### **1 Scope**

This Guide is applicable to IEC and ISO standardization for the industrial automation sector. It provides strategic principles for use by the various technical committees and subcommittees working in different domains within the sector, as well as other bodies within IEC and ISO with interests in the work of these committees.