

Information technology — Automatic identification and data capture techniques — Data Carrier Identifiers (including Symbology Identifiers)

ICS 35.040

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Summary of pages

This document comprises a front cover, an inside front cover, the ISO/IEC title page, pages ii to v, a blank page, pages 1 to 14, an inside back cover and a back cover.

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*Technologies de l'information — Techniques d'identification automatique et
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Foreword

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International Standard ISO/IEC 15424 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 31, *Automatic identification and data capture techniques*, in collaboration with CEN Technical Committee TC 225, *Bar coding*, and AIM International, Inc. It was based in part on the corresponding European Standard EN 796, *Bar Coding — Symbology Identifiers*, which is fully compatible with this International Standard.

Annexes A and B form a normative part of this International Standard. Annex C is for information only.

Introduction

The need exists to identify the data carrier a reader detects in autodiscrimination environments. The Symbology Identifier concept provides a standardized way for a device receiving data from a reader to differentiate between the data carriers. This specification deals mostly with bar code symbologies, therefore the terms Symbology Identifier, symbology, and bar code are used throughout the document but they are intended to apply to other data carriers as well.

This identification is achieved by the addition of an optional feature to readers enabling the reader to prefix a standard string of characters to data messages. This preamble contains information about the decoded symbol (or other data carrier) and any processing the reader has done. The information is not encoded or otherwise explicitly or implicitly represented in the symbol, except that the presence of some optional features may be detected by the reading equipment, whereas others require the reader to be expressly configured to implement them.

This International Standard should be read in conjunction with the relevant symbology specifications.

