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AS ISO 13584.1

Australian Standard™

**Industrial automation systems and
integration—Parts library**

**Part 1: Overview and fundamental
principles**

This Australian Standard was prepared by Committee IT-006, Information Technology for Industrial Automation and Integration. It was approved on behalf of the Council of Standards Australia on 23 March 2004 and published on 3 June 2004.

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Part 1: Overview and fundamental principles

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PREFACE

This Standard was prepared by the Standards Australia Committee IT-006, Information Technology for Industrial Automation and Integration.

This Standard is identical with, and has been reproduced from, ISO 13584-1:2001, *Industrial automation systems and integration—Parts library, Part 1: Overview and fundamental principles*.

The objective of this Standard is to provide a representation of parts library information together with the necessary mechanisms and definitions to enable parts library data to be exchanged, used and updated. The exchange may be between different computer systems and environments associated with the complete lifecycle of the products where the library parts may be used, including product design, manufacture, use, maintenance, and disposal.

This Standard is Part 1 of AS ISO 13584, *Industrial automation systems and integration—Parts Library*, which is published in parts as follows:

- Part 1: Overview and fundamental principles (this Standard)
- Part 101: Geometrical view exchange protocol by parametric program
- Part 20: Logical resource: Logical model of expressions
- Part 24: Logical resource: Logical model of supplier library
- Part 26: Logical resource: Information supplier identification
- Part 31: Implementation resources: Geometric programming interface
- Part 42: Description methodology: Methodology for structuring part families

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CONTENTS

	<i>Page</i>
1 Scope	1
2 Normative reference.....	1
3 Terms, definitions and abbreviations	1
3.1 Terms and definitions.....	1
3.2 Abbreviated terms	4
4 Overview of ISO 13584	5
4.1 Purpose.....	5
4.2 Components of a library system	5
4.2.1 User to computer system communication.....	5
4.2.2 Interface to external systems	6
4.3 Internal structure of a library system.....	6
4.3.1 Dictionary	7
4.3.2 Library management system.....	7
4.3.3 Library content	7
5 Fundamental principles	9
5.1 Fundamental concepts and assumptions	9
5.1.1 User requirements regarding a part representation.....	9
5.1.2 Representation category.....	9
5.1.3 Library model	10
5.1.4 Incorporation of libraries from different sources	10
5.1.5 Semantic dictionary.....	10
5.1.6 Part selection	10
5.2 Relationship between ISO 13584 and other standards	11
5.2.1 External files.....	11
5.2.2 Use of library parts in product data	11
6 Structure of the ISO 13584 series.....	11
6.1 Conceptual descriptions.....	11
6.2 Logical resources.....	12
6.3 Implementation resources.....	12
6.4 Description methodology.....	12
6.5 View exchange protocol.....	12
Annex A (normative) Information object registration	14
Annex B (informative) Use of library parts in product data.....	15
Bibliography.....	17
Index	18

Figures

Figure 1 — Functional areas of library usage	5
Figure 2 — Library system	7
Figure 3 — Structure of library contents.....	8
Figure B.1 — Libraries and product data exchange (level 1).....	15
Figure B.2 — Libraries and product data exchange (level 2).....	16
Figure B.3 — Libraries and product data exchange (level 3).....	16

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