

Australian Standard™

**Industrial automation systems and
integration—Open systems application
integration framework**

**Part 4: Reference description for
Ethernet-based control systems**

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 30 March 2004 and published on 3 June 2004.

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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 15745-4:2003, *Industrial automation systems and integration—Open systems application integration framework, Part 4: Reference description for Ethernet-based control systems*.

The objective of this Standard is to provide the technology specific elements and rules for describing both communication network profiles and the communication related aspects of device profiles specific to Ethernet-based control systems.

This Standard is Part 4 of AS ISO 15745—2004, *Industrial automation systems and integration—Open systems application integration framework*, which is published in parts as follows:

Part 1: Generic reference description

Part 2: Reference description for ISO 11898-based control systems

Part 3: Reference description for IEC 61158-based control systems

Part 4: Reference description for Ethernet-based control systems (this Standard)

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15745-1	Industrial automation systems and integration—Open systems application integration framework—Part 1: Generic reference description	15745.1	Industrial automation systems and integration—Open systems application integration framework, Part 1: Generic reference description

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