

ISO 20242-2:2010-09 (E)

Industrial automation systems and integration - Service interface for testing applications - Part 2: Resource management service interface

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Symbols and abbreviated terms		1
5 Conventions for service definitions and procedures		2
5.1 General		2
5.2 Parameters		2
5.3 Service procedures		3
5.4 Service primitives and state diagrams		3
6 Resource Management Services		4
6.1 Overview		4
6.2 List of services		5
6.3 Management support services		7
6.4 Input/output services		11
6.5 Extended services		28
6.6 Operating Support Services		32
6.7 States of RMS state machine		60
Annex A (informative) Implementation guidelines for RMSI -- Mapping of services to C/C++ function calls		64
Annex B (informative) Cascading of device drivers via RMSI		77
Bibliography		79