ISO 20242-3:2011-12 (E)

Industrial automation systems and integration - Service interface for testing applications - Part 3: Virtual device service interface

Contents

Page

Foreword v

Introduction vi

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Abbreviated terms 2

5 Conventions for service definitions and procedures 2
5.1 General 2
5.2 Parameters 2
5.3 Service procedures 3

6 VDSI model 4
6.1 Virtual devices and physical devices 4
6.2 Structure of VDSI 4
6.3 Description of VDSI services 9

7 Operating status of a virtual device 37
7.1 Control VD 37
7.2 Operating states of virtual devices 38

8 Service results 41
8.1 Additional information 41
8.2 Service errors 42

Annex A (informative) Implementation guidelines for VDSI 46

Bibliography 57