

ISO 11354-1:2011-09 (E)

Advanced automation technologies and their applications - Requirements for establishing manufacturing enterprise process interoperability - Part 1: Framework for enterprise interoperability

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
3	Abbreviated terms	2
5	Viewpoints addressed by the enterprise interoperability framework	3
5.1	General framework requirements	3
5.2	Interoperability concern viewpoint	4
5.3	Interoperability barrier viewpoint	7
5.4	Interoperability approach viewpoint	9
5.5	Example of relationships between interoperability viewpoints	11
5.6	Representation of interoperability viewpoints	11
6	Framework for enterprise interoperability	12
6.1	Framework as a structuring mechanism	12
6.2	Interoperability concerns and interoperability barriers dimensions	12
6.3	Interoperability approaches dimension	14
6.4	Dimensions of the FEI	14
6.5	Supplementary dimensions for interoperability	16
6.6	Example of using the FEI	18
Annex B (informative) Example of use of FEI to identify and categorize interoperability barriers, knowledge and solutions		24
Annex C (informative) Guideline for using the FEI in an interoperability engineering project		29
Bibliography		33