

ISO 21175-1:2026-05 (E)

Automation systems and integration - Collaboration environment requirements of simulation on different manufacturing platforms - Part 1: Reference model and process

Contents

Page

Foreword..... iv

Introduction..... v

1 Scope..... 1

2 Normative references..... 1

3 Terms and definitions..... 1

4 Abbreviated terms..... 2

5 Conformance..... 3

6 General framework of CMSE..... 3

7 Joint simulation project analysing..... 6

8 Joint simulation project realizing..... 7

 8.1 General.....7

 8.2 Business and system describing.....8

 8.3 Software collaboration implementing.....9

 8.4 Infrastructure collaboration supporting.....11

Annex A (informative) Application of CMSE in the functional hierarchy of IEC 62264-1..... 14

Annex B (informative) Example of use of CMSE in joint simulation project..... 16

Annex C (informative) Legend of OPM..... 29

Bibliography..... 31