

DIN SPEC 91383:2018-11 (E)

JT Industrielles Anwendungspaket (JTIAP)

Contents

	Page
Foreword	3
Introduction.....	5
1 Scope	7
2 Normative references	7
3 Terms and definitions.....	7
3.1 Terms — defined in ISO 14306:2017	7
3.2 Abbreviated terms — defined in ISO 14306:2017.....	7
4 Support of industrial use cases and need for scope extension	8
5 File format.....	10
5.1 General	10
5.2 File structure — defined in PSI 14-1:2016	10
5.3 File Header — defined in PSI 14-1:2016	10
5.4 TOC Segment — defined in PSI 14-1:2016.....	11
5.5 Data Segment — defined in PSI 14-1:2016.....	11
5.6 Precise Geometry Segment	12
6 Enhancement of the ISO 14306:2017 functionalities.....	12
6.1 General	12
6.2 Reading 9.5 JT — Format changes.....	12
6.3 Polygon Set LOD Element.....	12
6.4 Better compression.....	12
6.4.1 General	12
6.4.2 LMZA replaces ZLIB.....	13
6.4.3 Enhanced Int32 Compressed Data Paket.....	13
6.5 Enhanced Compressed Auxiliary Fields Array.....	13
6.6 Rationalized Topomesh Compressed Rep Data.....	13
6.7 Added per field final flags to JT attributes	14
7 JT and AP242 BO Model XML.....	14
Annex A (informative) History and evolution of JT.....	15
Bibliography	17