

ISO/TS 18101-1:2019 (E)

Automation systems and integration — Oil and gas interoperability — Part 1: Overview and fundamental principles

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Abbreviated terms
5	Overview and general requirements
5.1	Secondary business process
5.2	Systems of systems interoperability
5.3	Industrial digital ecosystem architecture
5.3.1	Overview
5.3.2	Engineering Systems
5.3.3	Enterprise Business Systems and Automation and Control Systems
5.3.4	Data Quality and Architecture
5.4	Inter-enterprise user stories
6	Compliance and conformance
7	OGI concept map
Annex A	(normative) IT/OT Cloud and Standardized Use Case Architecture
A.1	Application domains in the IT/OT cloud
A.2	OIIE use case architecture
A.3	Use cases
A.4	Scenarios
A.5	Events
A.6	User stories
A.7	Use case data model
Annex B	(informative) OGI activity model
Annex C	(informative) Relationships between selected data standards
Annex D	(informative) OpenO&M Initiative and Associated Industry Standards

Page count: 26