

JVI5

ISA-88/ISA-95/B2MML :

Conception Fonctionnelle & Interopérabilité en

Contrôle Industriel

Comprend

- **JVI1 - ISA88 et Conception Fonctionnelle du Contrôle-Commande Industriel**
- **JVI2 - ISA95 et Conception Fonctionnelle MES/MOM, Communication avec les Systèmes de Gestion**
- **JVI4 - B2MML/BatchML et Pratique des Interfaces entre Systèmes Informatiques Industriels**



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Research community

Consulting group

www.syntropicfactory.info
www.controlchainmanagement.org
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Structure of the documentation

1 Overview

1 Introduction

2 ISA88

3 ISA95

2 Structure

1 PhysicalAsset

2 HumanAsset

3 InventoryAsset

4 KnowledgeAsset

3 Function

1 EquipmentControl

2 PhysicalProcessControl

3 PhysicalProcessManagement

4 OperationsManagement

4 Engineering

1 InformationServiceSpecification

5 Interoperability

1 B2O

2 B2MML



Program/content

Files	JVI1 ISA88	JVI2 ISA95	JVI4 B2mml	JVI5 All
1_10_ISA8895_Overview_Introduction_JVI5.docx				
1_11_ISA8895_Overview_Introduction_JVI5.pptx	AM1	AM1	AM1	AM1
1_12_ISA8895_Overview_Introduction_Modeling.pptx	AM1	AM1	AM1	AM1
1_22_ISA8895_Overview_ISA88_Quizz.docx	AM1			AM1
1_20_ISA8895_Overview_ISA88.pptx	AM1			AM1
1_21_ISA8895_Overview_ISA88_Terminology.docx	AM1			AM1
1_31_ISA8895_Overview_ISA95_Quizz.docx		AM1		AM1
1_30_ISA8895_Overview_ISA95.pptx		AM1		AM1
2_10_ISA8895_Structure_PhysicalAsset.pptx	PM1	PM1		PM1
2_11_ISA8895_Structure_PhysicalAsset_Figure.pptx	PM1	PM1		PM1
2_12_ISA8895_Structure_PhysicalAsset.xlsx	PM1	PM1		PM1
2_20_ISA8895_Structure_HumanAsset.pptx		PM1		PM1
2_21_ISA8895_Structure_HumanAsset.xlsx		PM1		PM1
2_30_ISA8895_Structure_InventoryAsset.pptx		PM1		PM1
2_31_ISA8895_Structure_InventoryAsset.xlsx		PM1		PM1
2_40_ISA8895_Structure_KnowledgeAsset.pptx	PM1	PM1		PM1
2_41_ISA8895_Structure_KnowledgeAsset.xlsx	PM1	PM1		PM1
3_10_ISA8895_Function_EquipmentControl.pptx	PM1			PM1
3_11_ISA8895_Function_EquipmentControl_ISA5.docx	PM1			PM1
3_12_ISA8895_Function_EquipmentControl.xlsx	PM1			PM1
3_20_ISA8895_Function_PhysicalProcessControl.pptx	AM2			PM1
3_21_ISA8895_Function_PhysicalProcessControl_OpenBatch.pptx	AM2			PM1
3_22_ISA8895_Function_PhysicalProcessControl_Prod2Proc.pptx	AM2			PM1
3_23_ISA8895_Function_PhysicalProcessControl.xlsx	AM2			PM1
3_30_ISA8895_Function_PhysicalProcessManagement.pptx		PM1		PM1
3_31_ISA8895_Function_PhysicalProcessManagement.xlsx		PM1		PM1
3_40_ISA8895_Function_OperationsManagement.pptx		PM1		PM1
3_41_ISA8895_Function_OperationsManagement.xlsx		PM1		PM1
3_42_ISA8895_Function_OperationsManagement_Example.docx		PM1		PM1
1_22_ISA8895_Overview_ISA88_Quizz.docx	PM2			AM2
1_31_ISA8895_Overview_ISA95_Quizz.docx		AM2		AM2
4_10_ISA8895_Engineering_InformationServiceSpecification.pptx	PM2	AM2		AM2
5_10_ISA8895_Interoperability_B2O_Example-Cartridge.pptx		AM2	AM1	AM2
5_11_ISA8895_Interoperability_B2O_Example-OperationsSchedule.pptx			AM1	PM2
5_12_ISA8895_Interoperability_B2O_Example-OperationsSchedule.docx			AM1	PM2
5_13_ISA8895_Interoperability_B2O_Transactions.pptx		PM2	AM1	PM2
5_14_ISA8895_Interoperability_B2O_Methodology.pptx		PM2	PM1	PM2
5_15_ISA8895_Interoperability_B2O_Methodology.xlsx		PM2	PM1	PM2
5_20_ISA8895_Interoperability_B2MML.pptx			PM1	PM2
5_21_ISA8895_Interoperability_B2MML_Exercise.pptx			PM1	PM2
B2MML-VXXX-Common.xsd				
B2MML-VXXX-Equipment.xsd				
B2MML-VXXX-Extensions.xsd				
B2MML-VXXX-ExtensionsCompany1.xsd				
B2MML-VXXX-ExtensionsCompany2.xsd				
B2MML-VXXX-Example 1.xml				

About 1200 slides, 65 spreadsheets

