



Virtual Satellite 4 FDIR

User Manual

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Chapter 1. What is Virtual Satellite 4 FDIR?

Chapter 2. Getting Started

Learn about basic requirements of Virtual Satellite, how it is installed and begin your first modeling. It probably takes less than 15 minutes until you have your first item modeled.

Chapter 3. Fault Modeling

3.1. Modeling Fault Trees

3.2. Modeling Detection

3.3. Data exchange with the GALILEO Format

Chapter 4. Recovery Modeling

4.1. Modeling Recovery Automata

Chapter 5. FDIR Analysis

5.1. Configuring Analysis information

5.2. Qualitative Analysis

5.3. Quantitative Analysis

5.4. Using STORM

5.5. FDIR Reporting

Chapter 6. FDIR Synthesis

6.1. Fault Tree Generation

6.2. Recovery Automata Synthesis

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