

**TECNOMATIX PLANT SIMULATION**  
**METHODS & STRATEGIES (SIMTALK) TRAINING**

**Day 1**

- **Introduction to Plant Simulation Programming Language (Simtalk)**
  - Names, Identifiers, Paths and Anonymous Identifiers
  - Syntax, Method Debugger window
- **Working on Lines, Tracks and TwoLaneTrack**
  - Entrance and Exit Controls, Adding Sensors
- **Conditional Statements, Global Variables and Loops**

**Day 2**

- **Attributes and Methods of Material Flow Objects and Mobile Objects (MUs)**
  - Making use of the built-in attributes and creating user-defined attributes

**Day 3**

- **Conditional suspensions: waituntil and stopuntil**
- **Observers**
- **Using Generator and Trigger Objects**
- **Write the Contents List into a Table for Further Processing**
- **Exporting content of a list/table to Text or Excel file**
- **init, reset, endsim methods**

**Day 4**

- **Methods and controls of selected objects**

**Day 5**

- **Case study : Transportation of pallets with an AS/RS**



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