Solution Creator Reference

Use the guided tool to build new solutions.

Reference **Solution** **Solution Center** **Creating** Creator

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Solution Creator (Reference):

Automated solution creation from CSV files and command line.

Location: `<install_path>\SolutionCreator.exe`

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Solution Creator User Interface

Field	Description	Required	Default
Solution Name	New solution identifier	Yes	None
Output Location	Save directory	Yes	Current
New Folder	Create subdirectory	No	Checked
Product	License family/model	Yes	FrameworX
Platform	Windows/Multi-platform	Yes	Windows
Merge CSV Files	Import data	No	Unchecked
Template	Base template	No	Blank

CSV Import

Supported Files

File names must match exactly:

File Name	Content	Required
UnsTags.csv	Tag definitions	No
DevicesChannels.csv	Communication channels	No
DevicesNodes.csv	Device nodes	No
DevicesPoints.csv	Device points	No

CSV Format Example

csv

```
Name,Type,Description,InitialValue,Min,Max
Tank1_Level,Double,"Tank 1 Level",0,0,100
Tank1_Temp,Double,"Tank 1 Temperature",20,0,150
```

Batch Automation

Command Line Syntax

batch

```
SolutionCreator.exe /parameter:value [/parameter:value...]
```

Parameters

Parameter	Description	Example

`/solutionName:`	Solution name	`/solutionName:Plant1`
`/outputFileLocation:`	Save path	`/outputFileLocation:C:\Solutions`
`/platform:`	Target platform	`/platform:Multiplatform`
`/productFamily:`	License family	`/productFamily:FrameworX`
`/productModel:`	Point limit	`/productModel:1500`
`/MergeCsvFiles:`	Import CSVs	`/MergeCsvFiles:true`

Batch File Example

batch

```
@echo off
CD "C:\Program Files\Tatsoft\FrameworX\fx-10"

REM Create multiple edge solutions
FOR %%i IN (1 2 3 4 5) DO (
    SolutionCreator.exe ^
        /solutionName:Edge%%i ^
        /outputFileLocation:C:\EdgeSolutions ^
        /platform:Multiplatform ^
        /productFamily:EdgeHMI ^
        /productModel:300
)
```

Post-Creation Steps

1. **Configure Tags** - Define data model
2. **Setup Devices** - Connect to equipment
3. **Create Displays** - Design user interface
4. **Add Logic** - Scripts and calculations
5. **Test** - Verify functionality
6. **Deploy** - Move to production

Troubleshooting

Creation Issues

Problem	Cause	Solution
Wizard won't start	No license	Use evaluation mode
Can't select template	Templates folder empty	Reinstall or add templates
Name rejected	Invalid characters	Use alphanumeric only
Location denied	No permissions	Choose different folder

CSV Import Issues

Problem	Cause	Solution
Files not recognized	Wrong names	Match exact names
Import fails	Format error	Check CSV structure
Partial import	Missing columns	Verify headers
Encoding issues	UTF-8 required	Save as UTF-8

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