

# MCAL Integration Package


Document Information

History

Author	Date	Version	Remarks
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Reference Documents

No.	Source	Title	Version
[1]			
[2]			-
[3]		- - -	
[4]		- - -	
[5]		- - - - -	
[6]			
[7]			



Caution

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## Illustrations

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**1 Purpose of the document**

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## 2 Introduction

1.

2.

3.



### Note

### 2.1 Responsibility



## 2.2 Support requests

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## 2.3 Mix between AUTOSAR specification versions

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### Note

### 3 First Steps

#### 3.1 Delivery structure



Note

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**Note**



## **3.2 Starting up**

### **3.2.1 MCAL delivered within Vector SIP**

### **3.2.2 MCAL not contained within Vector SIP**



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**Note**



**Practical Procedure**



**Note**

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**Expert Knowledge**

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**3.2.3 MCAL Update needed**



**Practical Procedure**



**Caution**

4 Workflow

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Note



Multimedia Link

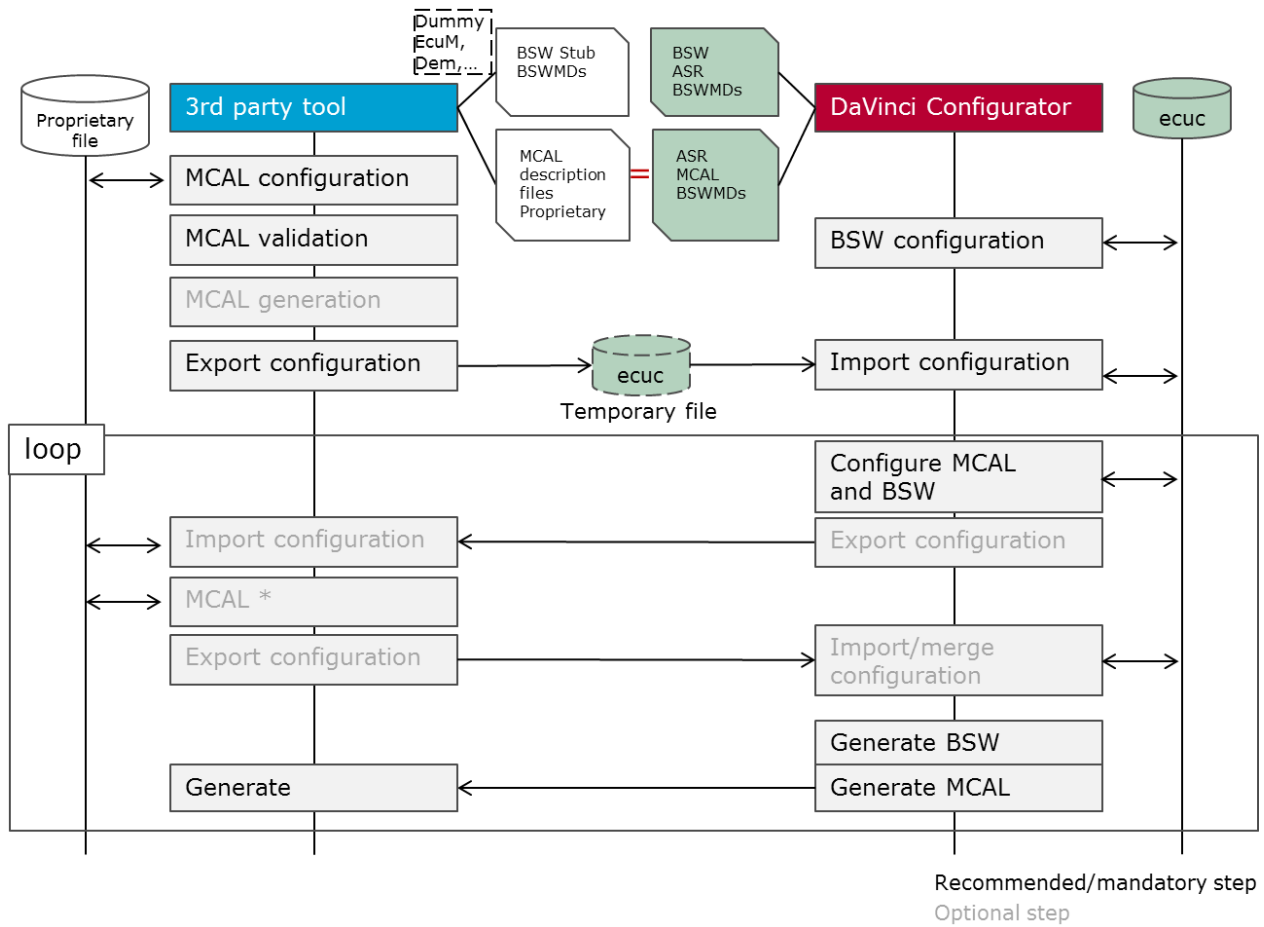
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Note

4.1 Single configuration tool usage

Prerequisite	
Advantages	Disadvantages





Prerequisite	
Advantages	Disadvantages



**Practical Procedure (startup)**

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.



**Note**

**4.3 Split configuration tool usage**

Prerequisite	
Advantages	Disadvantages

## 5 Configuration tools



### Note

### 5.1 Vector DaVinci Configurator

### 5.2 EB tresos™

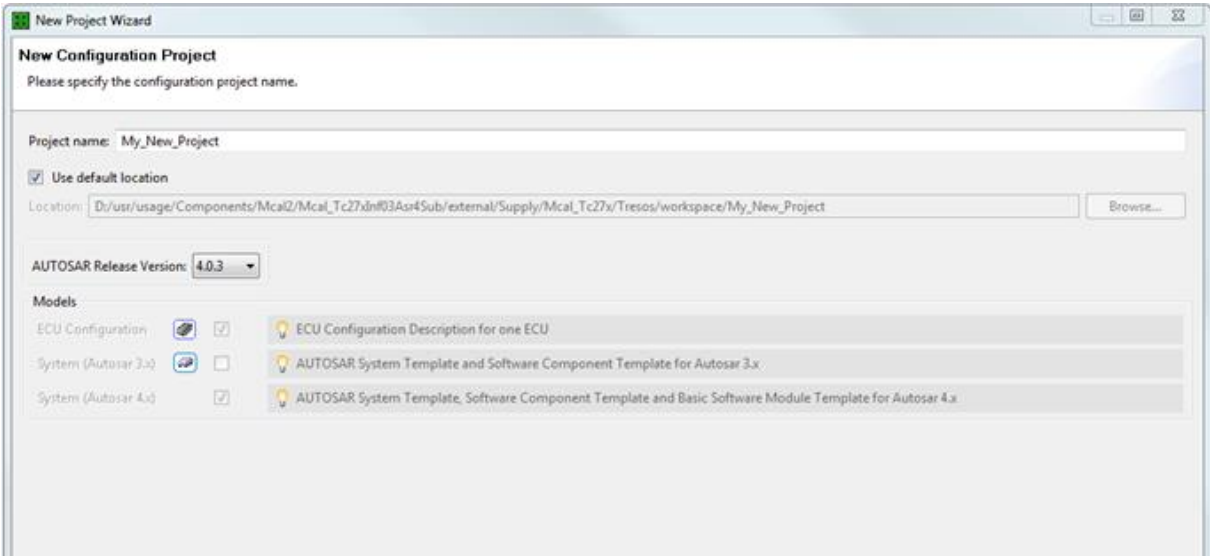


### Reference

#### 5.2.1 Setting up a new Configuration Project

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5.2.2 Project Details

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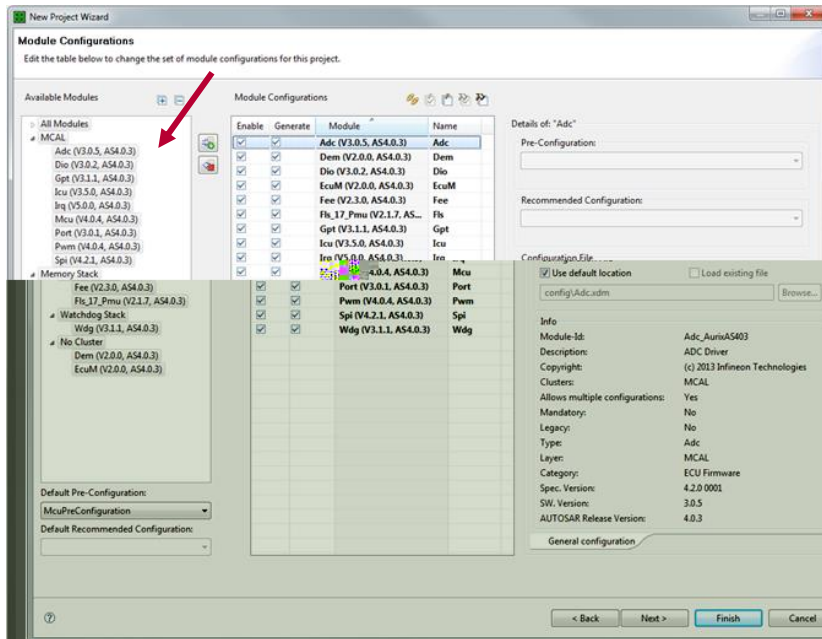
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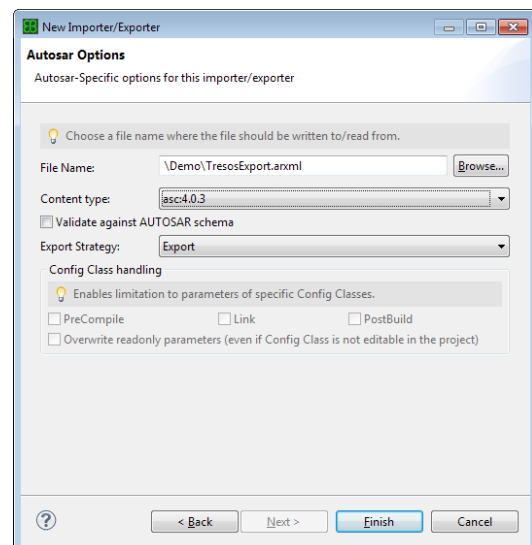
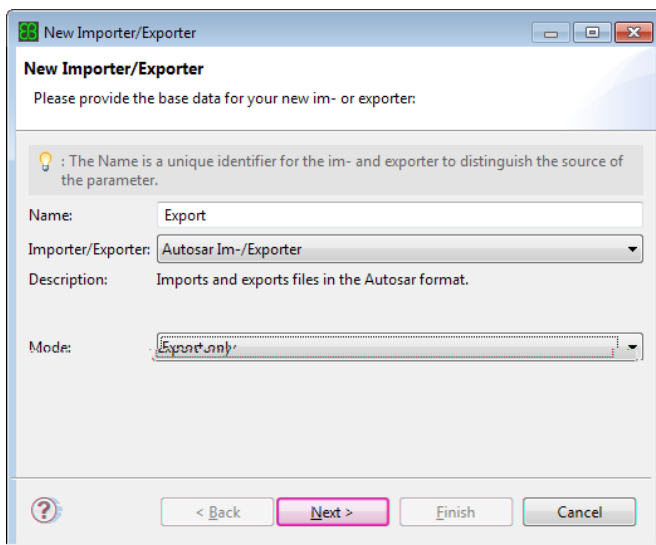
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### 5.2.3 Selection of components



## 5.2.4 Creation of importers and exporters



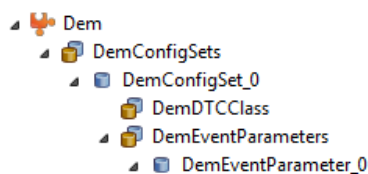
## 5.2.5 Configure the MCAL components

## 5.2.6 Generation of the 3rd party MCAL



## 5.3 Configuration hints for parallel usage of DaVinci Configurator and EB tresos™

### 5.3.1 Vector DaVinci Configurator 5



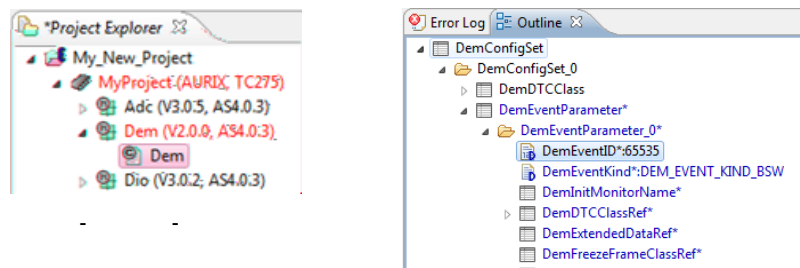
Short Name:	<input type="text" value="DemEventParameter_0"/>	▼
DTC Class Ref:	<input type="text" value=""/>	[...] ▼
Event Id:	<input type="text" value="65535"/>	dec ▼
Event Kind:	<input type="text" value="DEM_EVENT_KIND_BSW"/>	▼
Extended Data Class Ref:	<input type="text" value=""/>	[...] ▼
Freeze Frame Class Ref:	<input type="text" value=""/>	[...] ▼
Freeze Frame Rec Num Class Ref:	<input type="text" value="DemFreezeFrameRecNumClass"/>	[...] ▼
Max Number Freeze Frame Records:	<input type="text" value="1"/>	dec ▼

5.3.2 EB tresos™

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## 6 Restrictions

### 6.1 UNC path usage

## 7 Known Issues

### 7.1 Long path names



#### Caution

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### 7.2 Missing configuration items within imported configuration



#### Note

### 7.3 Configuration Export with EB tresos™ Version 13.0.0

## 7.4 Error messages regarding CommonPublishedInformation with EB tresos™

8 Frequently Asked Questions

Q:

A:

Q:

A:

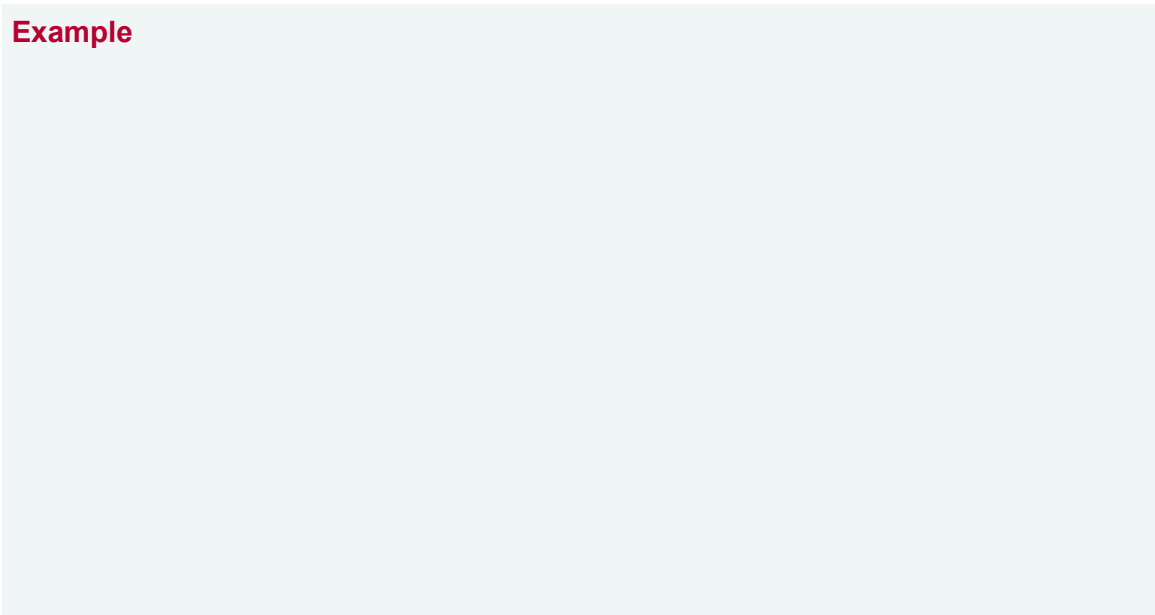
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Q:

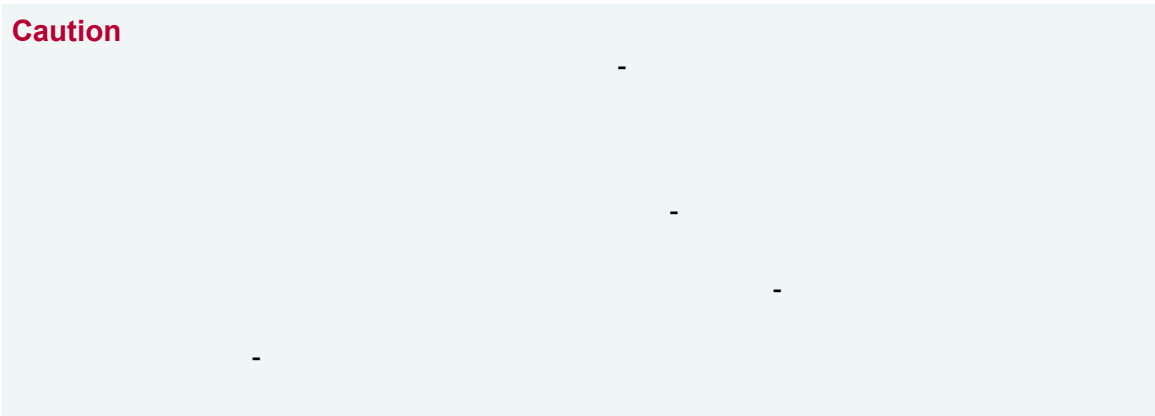
A:



Example



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10 Contact

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[www.vector.com](http://www.vector.com)