



## How can I protect the contents of a referenced Simulink model?

Since INTECRIO V4.7.1 and INTECRIO-RLINK V1.5.1 the support of referenced Simulink has been improved. Now even the use of protected referenced models is possible easily.

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## A protected model has to be created from the referenced model and the model subsystem has to reference this protected model.

A protected model can be created on two ways:

1. Open the model in Simulink and use the menu *File->Export Model to->Protected model* 



Please make sure that the Use generated code option is active and click on Create.

Create Protected Model: refModel					
Description					
Create a protected model(.slxp) that allows read-only view, simulation, and code generation of the model with optional password protection.					
Allow user of protected model to					
Open read-only view of model	Enter password (op	Enter password (op			
Simulate	Enter password (op	Enter password (op			
Use generated code	Enter password (op	Enter password (op			
Content type: Obfuscated source code					
Create protected model in: odell_protected\Beispiel Modell_protected Browse					
	Create	Cancel Help			



2. Alternatively you can create the protected model using the following command in the Matlab command window:

Simulink.ModelReference.protect('refModel','Mode','CodeGeneration','ObfuscateCode',true,'Report',false)

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The protected model will have the same file name with the extension .slxp.

This is the file which can be used as a reference in the model subsystem block.

Block Parameters: N	Andel		×	
Model Reference	louer		~	
Reference the specifi	ed model			
Reference the specifi	su model.			
Main Arguments				
Model name:				
refModel.slxp		Browse Open Mo	del	
Simulation mode:	ccelerator			
Model events simula	tion:			
Show model initia	lize port			
Show model term	inate port			
Show model perio	dic event ports			
	ale evene pores			
<< Enable variants				
0	OK Cance	Help Ap	ply	
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[	1			
Out1		In1 Out1		► In1
Insuts	1	Madal		Output
mputs		Model		Output

## In case of further questions:

Please feel free to contact our Support Center, if you have further questions. Here you can find all information: <u>http://www.etas.com/en/hotlines.php</u>

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