

# Tracking elements affected by Requirement changes

To enable tracking

1. In the main menu, go to **Analyze > Suspect Links** and select **Enable Tracking**.
2. In the **Enable Tracking** message dialog
  - choose to track **Entire Model**, or
  - click **Specific Scope** to choose packages, where the relationships, Requirements, and the design elements you want to track are.
3. Click **OK**.

 If you're working on a TWCloud project, commit it for the changes to apply.

To change scope

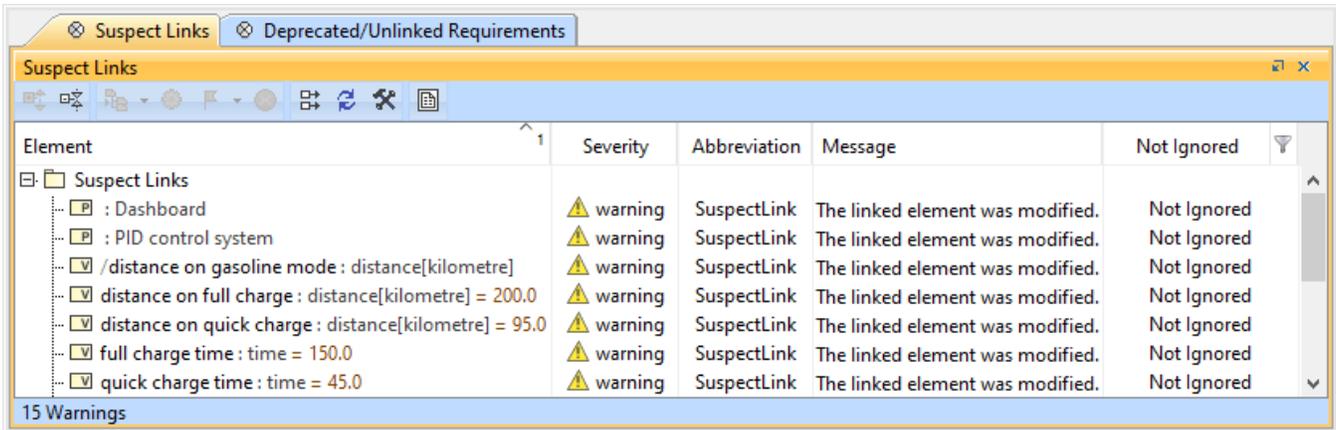
1. Go to **Analyze > Suspect Links > Tracking Scope**.
2. In the **Select Package** dialog, choose packages, where the relationships, Requirements, and the design elements you want to track are, then click **OK**.

 If you're working on a TWCloud project, commit it for the changes to apply.

To check for suspicions

1. Modify the linked Requirements as per your needs.
2. If you're working on a TWCloud project, commit it for the changes to apply.
3. In the main menu, go to **Analyze > Suspect Links**, and select **Show Suspicions**.

The detected suspect links are provided in the **Validation Results** panel.



Element	Severity	Abbreviation	Message	Not Ignored
Suspect Links				
: Dashboard	⚠ warning	SuspectLink	The linked element was modified.	Not Ignored
: PID control system	⚠ warning	SuspectLink	The linked element was modified.	Not Ignored
/ distance on gasoline mode : distance[kilometre]	⚠ warning	SuspectLink	The linked element was modified.	Not Ignored
distance on full charge : distance[kilometre] = 200.0	⚠ warning	SuspectLink	The linked element was modified.	Not Ignored
distance on quick charge : distance[kilometre] = 95.0	⚠ warning	SuspectLink	The linked element was modified.	Not Ignored
full charge time : time = 150.0	⚠ warning	SuspectLink	The linked element was modified.	Not Ignored
quick charge time : time = 45.0	⚠ warning	SuspectLink	The linked element was modified.	Not Ignored

15 Warnings

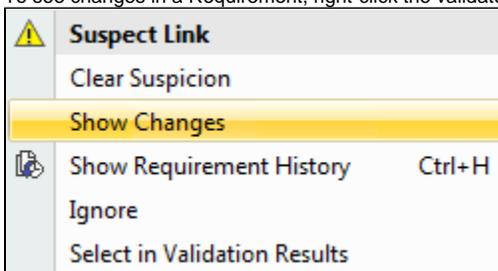
To handle suspicions

 \* marked steps are only available in the TWCloud project.

1. Suspected model elements are highlighted in yellow and marked with a small triangle symbol.

Legend	SR8 Vehicle mass	SR9.1 Full charge mode	SR9.2 Quick charge mode	SR9.3 Hybrid mode	SR9 Distance
Satisfy					
Structure	2	2	2	2	
FuelTankAssembly	1			1	
/distance on gasoline mode : distance[kilometre]					
capacity : volume[decicubic metre] = 40.0					
consumption : Real = 0.05					
fuel kind : Fuel					
High-voltage Battery	1	2	2	1	
distance on full charge : distance[kilometre] = 200.0					
distance on quick charge : distance[kilometre] = 95.0					
full charge time : time = 150.0					
mass : mass[kilogram] = 1500.0					
quick charge time : time = 45.0					

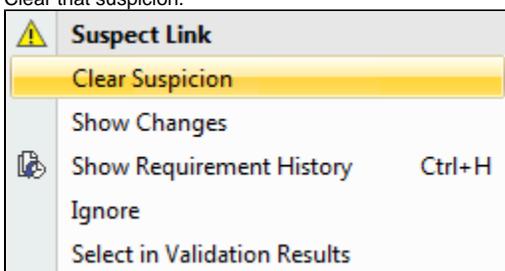
2. To see changes in a Requirement, right-click the validated cell and select **Show Changes**\*



3. Review Requirement changes\*

The vehicle should be charged in less than 4530 minutes and it should be possible to drive at least 9570 km.

4. Update design elements according to changes in the Requirement.
5. Clear that suspicion.



## Solving untracked links issue

If you notice that some links in your model are not tracked for some reason, you can start tracking them manually.

To start tracking links in your model

1. Right-click the untracked link (it is marked with an exclamation mark in a yellow triangle).

2. Select the **Start Tracking** solver in the opened menu.

