

Tracking elements affected by requirement changes

To enable tracking

1. In the main toolbar, 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 requirements and design elements you want to track are.
3. Click **OK**.



If you're working on a Teamwork Server or 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 requirements and design elements you want to track are, then click **OK**.



If you're working on a Teamwork Server or 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 Teamwork Server or TWCloud project, commit it for the changes to apply.
3. In the main toolbar, go to **Analyze > Suspect Links** and select **Show Suspicions**.

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

Validation Results				
Validation Results				
Element	Severity	Abbreviation	Message	Is Ignored
Suspect Links				
SR-4 ACC Brake	warning	SuspectElement	The element is deprecated.	Not Ignored
1-03 Physical Model-System Structure-Dashboard	warning	SuspectLink	The linked element was modified.	Not Ignored
1-03 Physical Model-System Structure-PID control system	warning	SuspectLink	The linked element was modified.	Not Ignored
capacity : 15000000-3 Space and Time-Quantities-volume(volumeElect...	warning	SuspectLink	The linked element was modified.	Not Ignored
distance on full charge : 15000000-3 Space and Time-Quantities-distance...	warning	SuspectLink	The linked element was modified.	Not Ignored
distance on quick charge : 15000000-3 Space and Time-Quantities-distan...	warning	SuspectLink	The linked element was modified.	Not Ignored

To handle suspicions

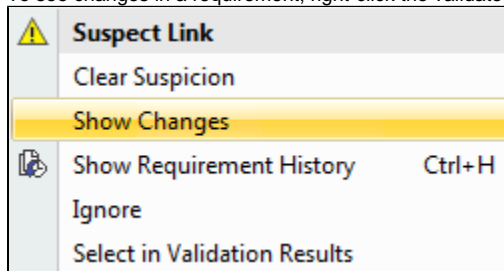


* marked steps are only available in the TWCloud project.

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

Legend					
Satisfy					
Structure		SR8 Vehicle mass	SR9.1 Full charge mode	SR9.2 Quick charge mode	SR9.3 Hybrid mode
FuelTankAssembly		2	2	2	2
/distance on gasoline mode : distance[kilometre]		1			1
capacity : volume[decubic 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.

