Producing and Consuming Functions dialog

The **Producing and Consuming Functions** dialog allows you to specify or modify producing and consuming Functions for a selected Resource Exchange.

Producing and Consuming Functions				
Specify Producing & Consuming Function pairs To specify Producing and Consuming Functions for selected Resource Interaction, select Functions performed by Sending and Receiving Resources from Drop Down Lists in the table cells.				
Resources Sending Resource:				
Producing Function	Consuming Function			
🔊 Broadcast Message	Streceive Message			
Update Diagrams OK Cancel Help				

To open the Producing and Consuming Functions dialog

- In the Specification window of the Resource Exchange, select Producing Function/ Consuming Function property value cell and click
 - ? Unknown Attachment
- In the SV-6 Systems Data Exchange Matrix, select Producing Function/ Consuming Function cell and click
 - ? Unknown Attachment
- In the Resource Exchange Manager dialog, Select Producing Function / Consuming Function cell:

- Click ? Unknown Attachment

- Click 😵 Functions

The Producing and Consuming Functions dialog is embedded in the Realized Resource Exchange wizard as a step #2.

The box and buttons of the dialog are described in the following tables.

Box	Description
Updat e Diagr ams	Select to update all related diagrams. Existing diagrams will be updated by displaying a particular resource interaction as a triangle on every Function Edge connecting producing and consuming function actions. If the specified Producing and Consuming Functions does not exist in any diagram, you will be suggested to create a new SV-4 System Functionality Description Flow (DoDAF), SV-4 Functionality Description Flow (MODAF), or NSV-4 System Functionality Description Flow (NAF) diagram. Producing and Consuming Function and the Resource Exchange will be represented in this new diagram.

Button	Description	
Add	Click to add a new row for assigning a pair of Producing and Consuming Functions.	
Remove From Table Click to delete a selected Producing and Consuming Functions pair.		

Show Full Paths	Click to show views containing specified functions (see the following figure).	
	Click once again to hide this information.	
	Producing and Consuming Functions	
	Specify Producing & Consuming Function pairs To specify Producing and Consuming Functions for selected Resource Interaction, select Functions performed by Sending and Receiving Resources from Drop Down Lists in the table cells.	
	Resources Sending Resource: Voice Radio [Systems Viewpoint::SV-2] Receiving Resource: Voice Radio [Systems Viewpoint::SV-2] Functions Add Remove From Table Show Full Paths	
	Producing Function Consuming Function	
	Systems Viewpoint::SV-4]	
	Views containing specified functions	
	Vpdate Diagrams	
	OK Cancel Help	

To create a pair of producing and consuming functions

- Click the Add button. The empty row is displayed in the table.
 In the Producing Function column of a selected row, create a new value:
 - Click the drop-down arrow to open a list of available functions and select one.

If you do not see the list of available functions, click T and select the Performed Functions button.					
Click the	?	Unknown Attachment	button to create a new or select a function existing in the model. The Select Function		

Click the analysis of the local and the bolton to cleate a new of select a function dialog opens, wherein you are able to select or create functions.
 Perform the same action described above for the **Consuming Function** column of the same row.

Related procedures

- Filtering Operational Activities and Functions
 Realized Resource Exchange wizard
 Resource Exchange Manager dialog