

LOGICFLOW
User Guide

LOGICFLOW

LogicFlow allows you to visually set certain conditions on the WiFi access journey that will action once those conditions are met by using a series of decision nodes and action nodes. This is a highly flexible tool to allow you to determine which splash page a user would see and where they would be redirected to during the WiFi login process. Also have the user receive an Eshot / SMS if they meet your given criteria. Certain nodes will only appear if they have been created already, so for example **Hardware** will only be an option if hardware has been added to the venue. This also applies to online splash pages and communications. LogicFlow is a main heading on the left-hand menu and once created will be accessed from Onboarding – Access journey where it can be applied to an access journey to make live.

Existing LogicFlows

Any existing LogicFlows you have created will be displayed with the ability to access, delete, edit, duplicate or update the flows. These options are all available from the fly out menu.

Your existing logic flows

Name	Owner	Created	Type	
training (0)	Ocean Hotel, Conference Center (Venue)	06/07/2018	-	...
training	Ocean Hotel, Conference Center (Venue)	06/07/2018	Offline	...

Creating a new LogicFlow

1. To create a new LogicFlow, click the button.
2. When clicked a window will open, you now need to add the following:
 - Name
 - Type
 - Ownership level

Create new logic flow

Name

Type

Please select owner level

Ocean Hotel, Conference Center

3. Enter the name for this Logic Flow
4. Click the type drop down and select either Online or Offline (each will give specific logic flow options).
5. Select the ownership scope.
6. Click the button when the details have been entered.
7. The LogicFlow creation area will load, depending on the selection made will determine which nodes are available, you can now start to add the different elements and conditions.

1. On the left of the screen are a number of icons, you can zoom in or out by clicking either the + or -



2. You can also move around the screen and go back to the home by using the arrows or the house icon. Home is where the Start element is located.



3. On the right of the screen are the LogicFlow nodes. These are broken into different headings, these are:

- Decisions
- Actions
- Terminator

4. You also have a number of other icons, these are:


- Flow actions – **Expands the menu to show available nodes.**
- Node parameters – **Allows the parameters to be added to the specific node.**
- Test your flow – **Once the flow has been created this option will test everything is correct.**

Offline Logic Flow nodes

Logic flows
Training (Offline)

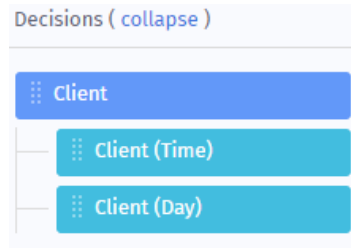
Move stage to choose... Back to library Save i



1. To add a Flow node, click the  button if not expanded.
2. The area will expand to display the **Decisions, Actions** and **Terminator** nodes
3. The flow actions contain options to further manage your decision nodes, you have the following available:

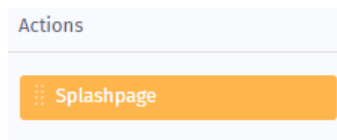
Decision nodes – The decision nodes contain Multi nodes specific to that decision. To view the multi nodes you will need to click **Decisions (expand)** . With the offline Logic Flow only one decision node is available:

- Client
 - Client Time
 - Client Day



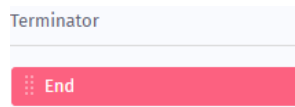
Action nodes – Are stored when the system goes through the LogicFlow, when an end terminator the system will look which was the last stored node was and action it.

- Splashpage

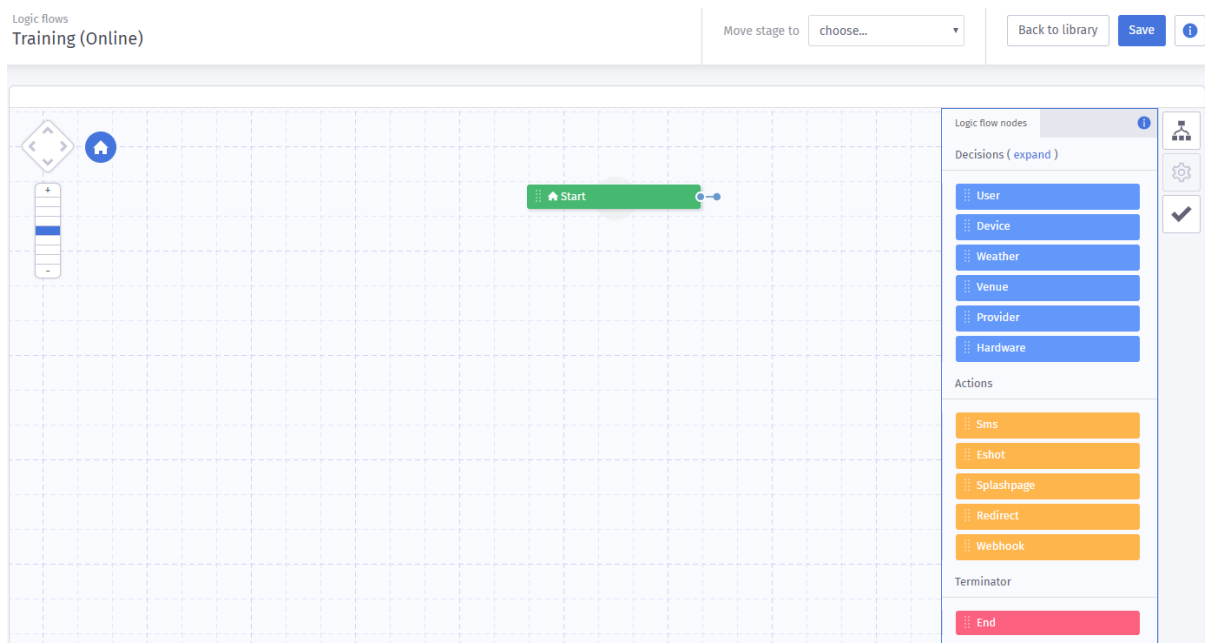


Terminator nodes – Tells the process to stop and ends the flow.

- End

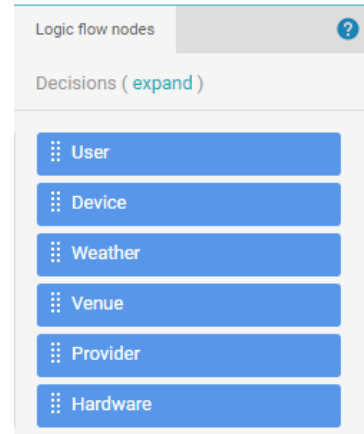


Online Logic Flow nodes



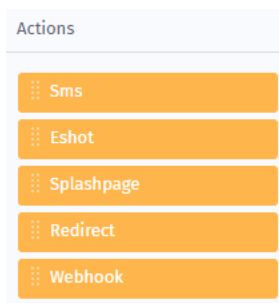
Decision nodes – The decision nodes contain Multi nodes specific to that decision. To view the multi nodes you will need to click **Decisions (expand)** . The Decision nodes available are:

- **User**
 - Gender
 - Age
 - SMS
 - E-mailable
 - Last visited
 - Language
 - Email Address
 - Visits
 - Birthday
- **Device**
 - Operating System
 - Browser
- **Weather**
 - Temperature
 - Conditions
- **Venue**
 - Name
 - Country
 - Tagging – **(Only appears if tags have been created against a venue)**
 - SSID
- **Provider**
 - Type - **(Login method)**
- **Hardware - (will only appear if hardware has been assigned to the venues)**
 - Type
 - Names
 - MAC Address



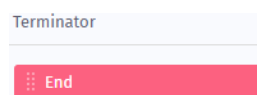
Action nodes – Are stored when the system goes through the LogicFlow, when an end terminator the system will look which was the last stored node was and action it.

- SMS – **(Will only appear if a LogicFlow SMS has been created)**
- Eshot - **(Will only appear if a LogicFlow Eshot has been created)**
- Splashpage - **(Will only appear if an online Splashpage has been created)**
- Redirect
- Webhooks – **(Will only appear if setup and Validated)**



Terminator nodes – Tells the process to stop and ends the flow.

- End




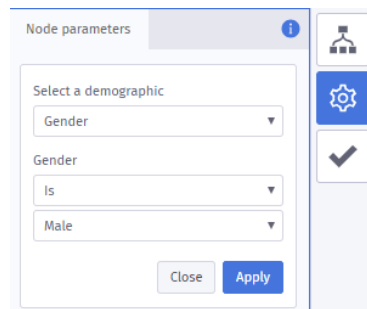
- By default, the Start node will be displayed automatically, you need to link a new node to this to start the flow.




- You will need to start with a decision node, to add a node to the flow you will need to select it from the list and then drag and drop into the desired location on the flow. These can still be moved at a later time if required.
- You can either select the main node or any of the sub nodes.




- When a Decision node is added, you will have a  icon, clicking this will open the Node Parameter options on the right. Depending on which decision node was selected will determine the node parameters that appear on the right. You are able to add multiple parameters for each decision node.

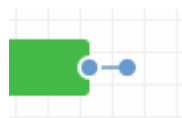


- Select the options from the drop-down menus and enter the information as required.

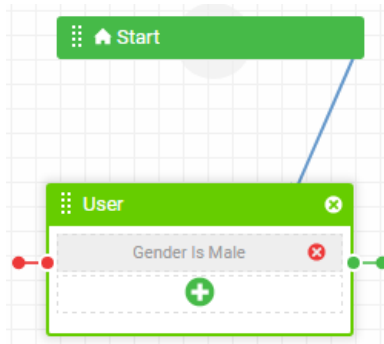
- When all the details have been entered click the  button.



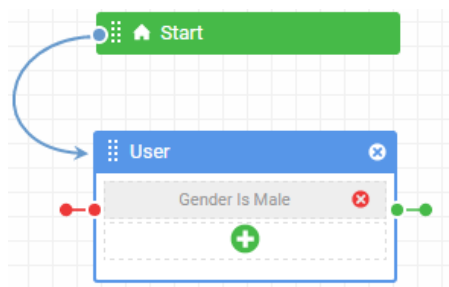
- The flow action will update to include the selected.
- You can add further parameters if required by clicking the  icon again.
- You will need to link the decision node to the start using the connector, click the blue circle on the right of the Start node and drag it to the decision node you have just added.



- The decision node will go green as you move your mouse over the node.



14. Then Release the mouse button and the two nodes will be linked.




15. You can now add the **Action** nodes to be applied to **Decision** node you just added.

16. Depending on the decision node selected will determine the available options. If a main decision node was selected, **User**, for example. You will have two outcomes, a **True** outcome and the **False** outcome.

17. If a sub node was selected, **User-Gender**, for example. There will be only one outcome


18. The **False** outcome will be attached to the **Red** connector. 

19. The **True** outcome will be attached to the **Green** connector. 


20. For the sub node, the connector will be **Purple** but any additional Parameters added will each have a different colour. 

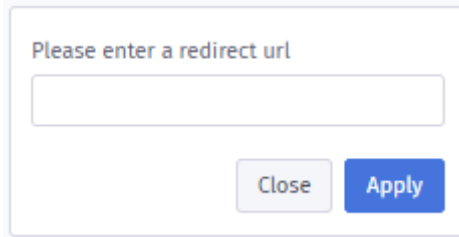
21. The **Action** nodes are below the **Decision** nodes and are Orange in colour, there are 4 action nodes, these are:

- SMS – **Send an SMS communication.**
- Eshot – **Sends an Eshot communication.**
- Splashpage – **Ability to redirect to an online splashpage.**
- Redirect – **Ability to redirect to a URL.**

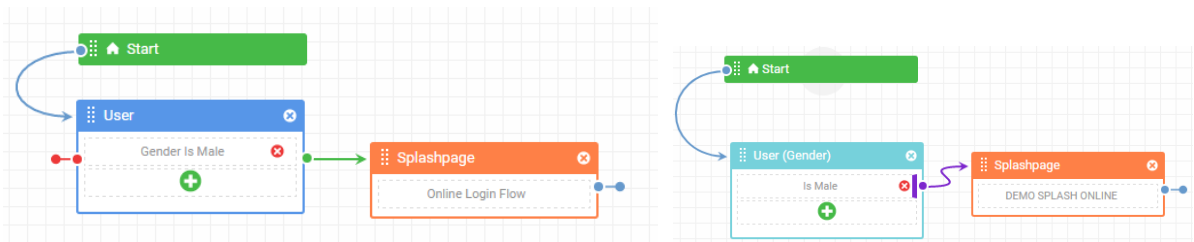
22. Similar to the decision node when it is dragged and dropped onto the LogicFlow, you will have a  icon to set the parameters.



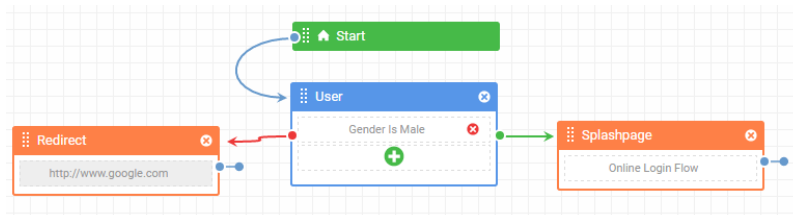
23. Clicking the  icon will open the Node parameter area on the right.



24. Once the nodes have been added, they will need connecting to the Decision node.
25. Depending on the decision node, click either the green, red or Purple connector at the end of the decision node and drag it to the Action node to set the outcome.



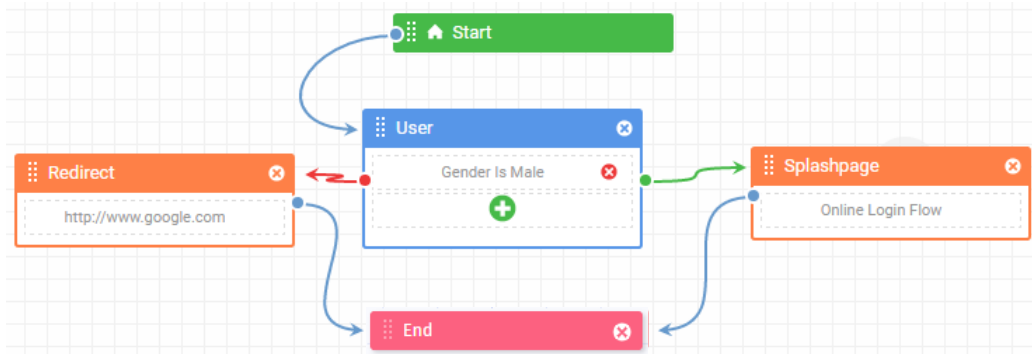
26. Once connected the circle will change to an arrow.
27. If you had a True and False outcome you will need to make sure both outcomes have an **Action** node assigned to them.



28. In this example, we have set the decision, 'Is the users Gender Male' If the user is male then it is true and they will be redirected to the Online splash page selected. If the user is female, then it is false and they will be redirected to the URL specified.
29. The LogicFlow is still not complete; you can add further nodes if required. If no further requirements are needed the flow needs to be completed with an **End** node.
30. The **End** node will need to be added and each outcome connected to this end node. So again, in the example used both the Splashpage redirect action node and the URL redirect action node will need connecting to the **End** node.
31. Under the Action nodes is the **End** node, it is **Red** in colour. Click, drag and drop the End node onto the flow.



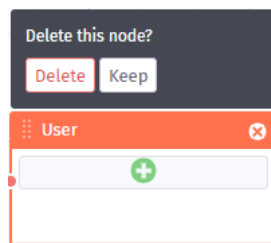
32. Click the Blue circle connector at the end of each action node, then drag and drop onto the End node.



33. Once connected the blue circle connector will change to a blue arrow.


34. To delete a node, you need to click the small x within the node.

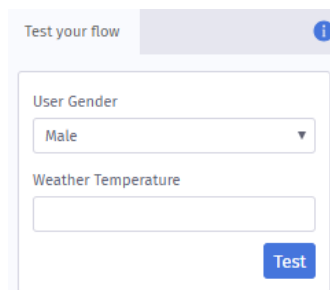
35. A message box will appear asking to confirm the delete.



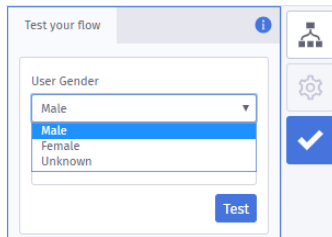
36. To delete a connector, hover your mouse over the circle, it will change to a small x. click the x and the connector will be removed.



37. You now need to test the LogicFlow to make sure it is set up correctly. Click the  icon.



38. The area will expand and display a drop-down menu. This will allow you to select which outcome you want to test.



39. Once the outcome is selected, click the  button.

40. The system will check the flow to check it is complete and list the outcomes on the right of the screen.


41. It will also grey out any other outcomes on the LogicFlow.

42. If there is a problem with the flow, the whole area will grey out and a message will be displayed under the Test button

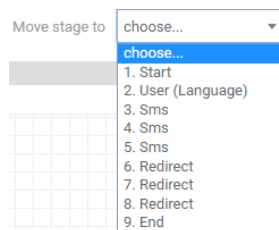
There was a problem testing your flow

- All flow branches must terminate with an end node
- Unreachable node(s) detected, please check all nodes have an incoming connection

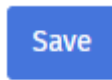


43. Clicking the  icon will close the test and the screen will become active again.

44. You can also jump to a specific stage within the LogicFlow by clicking the **Move stage** to drop-down menu.



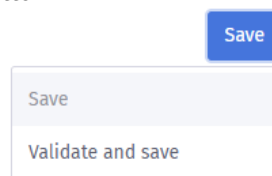
45. This will list all the stages from this LogicFlow, selecting one from the list will then move the screen to show that stage.



46. We can now save this LogicFlow. Click the  button.

47. You have two options; these are:

- Save
- Validate and Save




48. You can save at any point and the LogicFlow will be saved and available to access from the template library.

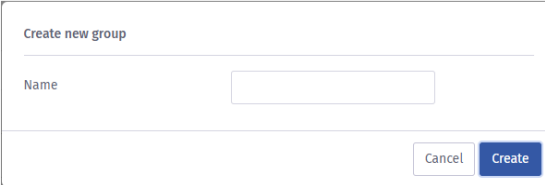
49. Once the LogicFlow is finished, tested you need to **Validate** before it is available to use in an access journey. Clicking the **Validate and save** option will save and check the flow is fully complete.

50. Once validated the save button will change to . The LogicFlow will now be available to use in any access journey.

51. Click the  to return to the library.

52. The  button will allow you to group LogicFlows as required.

53. Clicking the icon will open a new window where you can name the group.



Create new group

Name

54. Clicking the  button will create the group.

Your existing logic flows				<input type="button" value="Add group"/>	<input type="button" value="Add logic flow"/>	<input type="button" value="i"/>
Name	Owner	Created	Type			
<input type="checkbox"/> training (0)	Ocean Hotel, Conference Center (Venue)	06/07/2018	-	<input type="button" value="..."/>		
training	Ocean Hotel, Conference Center (Venue)	06/07/2018	Offline	<input type="button" value="..."/>		

55. You can then click, drag and drop the required LogicFlow into the new group.

Your existing logic flows				<input type="button" value="Add group"/>	<input type="button" value="Add logic flow"/>	<input type="button" value="i"/>
Name	Owner	Created	Type			
<input checked="" type="checkbox"/> training (1)	Ocean Hotel, Conference Center (Venue)	06/07/2018	-	<input type="button" value="..."/>		
training	Ocean Hotel, Conference Center (Venue)	06/07/2018	Offline	<input type="button" value="..."/>		

Assigning a LogicFlow in an Access Journey

When a LogicFlow is assigned within an Access Journey this will take precedent over any Access Journey settings. If the LogicFlow criteria is not matched then any settings in the Access journey will be used instead.

1. Clicking into the required Access Journey
2. You will see a LogicFlow tab, click this tab.
3. The area will display a drop-down menu containing all the validated LogicFlows.

Assign a flow to your journey New logic flow

Online	Offline
Select a flow <input type="text" value="None"/>	Select a flow <input type="text" value="training"/>

4. Click the drop down and select the required LogicFlow from the list.
5. Once selected a green message banner will appear at the top of the screen advising 'flow assigned successfully'.

Flow assigned successfully.

Splash Page Custom Terms Micro Survey **Logic Flows** Redirects Options

Assign a flow to your journey New logic flow

Online	Offline
Select a flow <input type="text" value="test"/>	Select a flow <input type="text" value="training"/>

New logic flow

6. You can also click **New logic flow** if you wish to access the LogicFlow area to create a new LogicFlow or edit an existing flow.