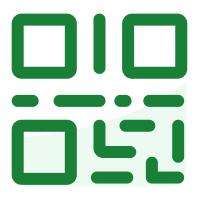
slido



Join at slido.com #1740593



From Features to Solutions

Standing on the shoulders of giants

Kevin Simpson Technical Leader

slido



What is a solution?

Greater than the sum of their parts!

- Using flow logic to create a specific experience
- Using APIs to extend the functionality of a call flow
 - Reporting
 - Global Variables
 - Business Hours
- Using Webex Connect to extend the functions of a call flow
- Utilizing the whole suite of products to reach your desired outcome
 - Using Webex Calling to route calls to non-contact center team members
 - Adding Journey Data Services
- Connecting external services to enhance the customer experience
 - Data dips
 - Outbound Campaigns
 - Contact Center Al



It's not Magic!





Defining the Problem

- What are you trying to solve?
 - Proper isolation is the key to success.

- What is the success criteria?
 - How will you know that you were successful?

- What are your obstacles?
 - Obstacles equals actions!



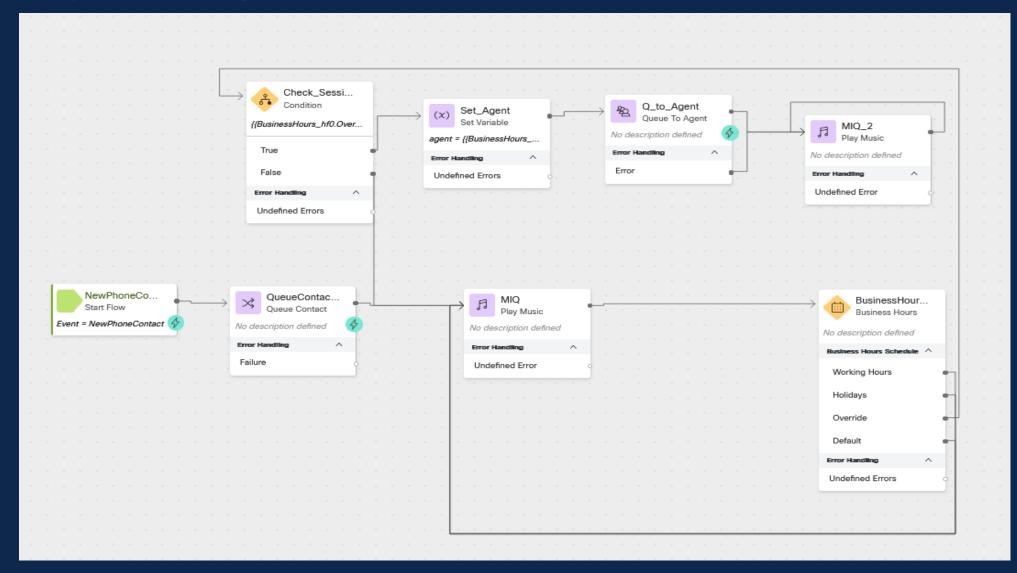


- Use Case:
 - To move a call which is in queue to a specific agent
- Features Used
 - Business Hours
 - Queue to agent
 - Analyzer
- APIs used in demo
 - Overrides



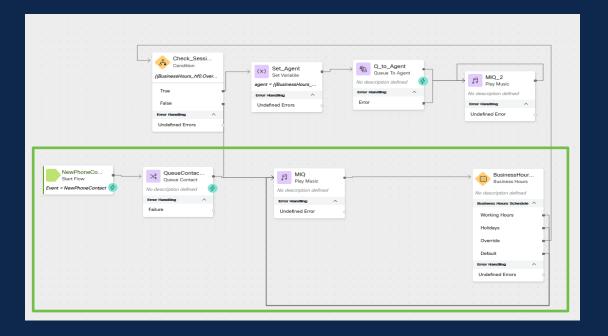
- Configure Business Hours
- Create and link an Override
 - Note the Override ID
- Create an analyzer report
 - Needs to include the SessionID
 - Should include the ANI
- Create the flow



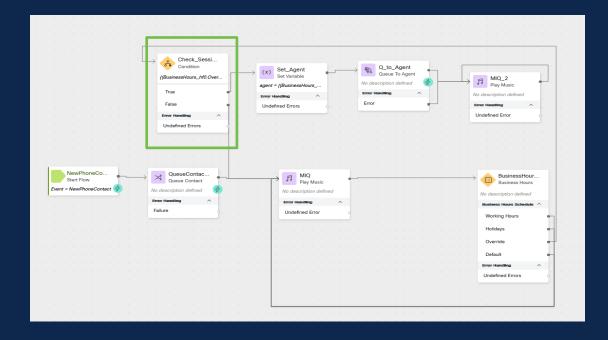




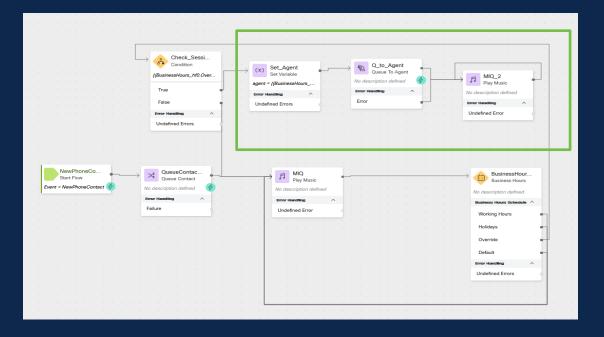
- Normal Flow
 - Call gets queued
 - Music in Queue played for caller
- Check Business Hours
 - If an Override is not active loop queue music



- Check Business Hours
 - An Override is active
 - The Override name does not include the current SessionID
 - Loop queue music



- Check Business Hours
 - An Override is active
 - The Override name does include the current SessionID
 - (<SessionID>__<AgentLogin>)
 - Parse the agent information and queue to that agent



- Copy the Session ID from the analyzer report
- Paste the Session ID as the first part of the name field followed by the double underscore delimitator
- Paste the agent login name after the double underscore delimitator
- The call will be queued to the agent the next time the music in queue loops

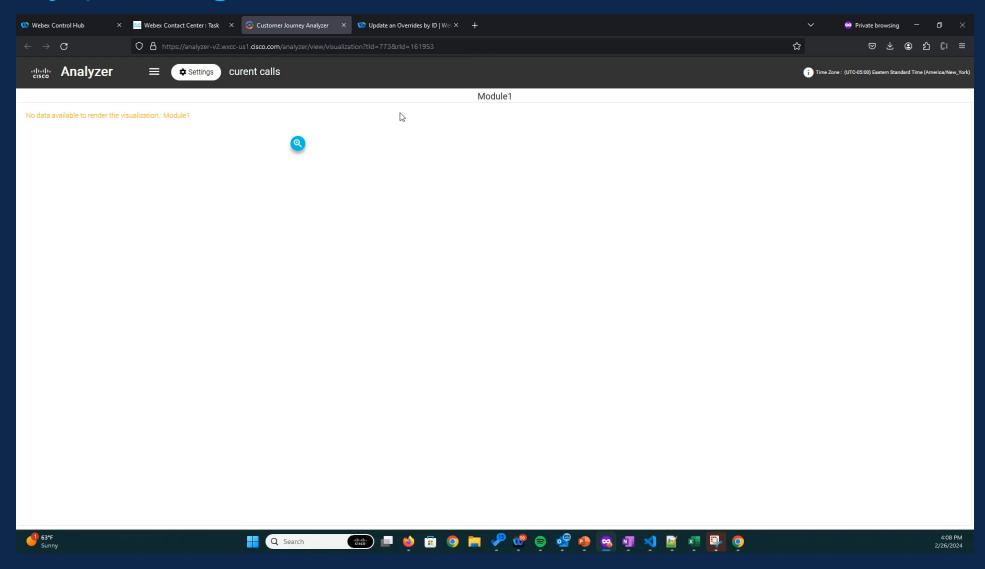
Queue Name	ANI	Session ID	Value of Preferred Agent Name
DQ_Appointment	+16103665851	857cf200-1e26-4064-b28b-3e93f2313040	N/A

```
orgld * uvid 0228104d-cc26-442d-a829-5eb403bf919b

id * a883730a-e1c7-402d-8bbe-cb952abe74ef

Request Body

{
    "id": "3883730a-e1c7-402d-8bbe-cb952abe74ef",
    "name": "Cherry_demo",
    "description": ",
    "timezone": "America/New_York",
    "overrides": [
    {
        "name": "148e9517-190d-490e-8aa4-0036f9935c11__kevsimps_csam_americas",
        "startDateTime": "2024-02-26T00:00",
        "endDateTime": "2024-02-26T23:59",
        "workingHours": true
    }
}
```



How could this be improved?

Place cherry picking in a subflow

Create a UI with buttons for assignment.

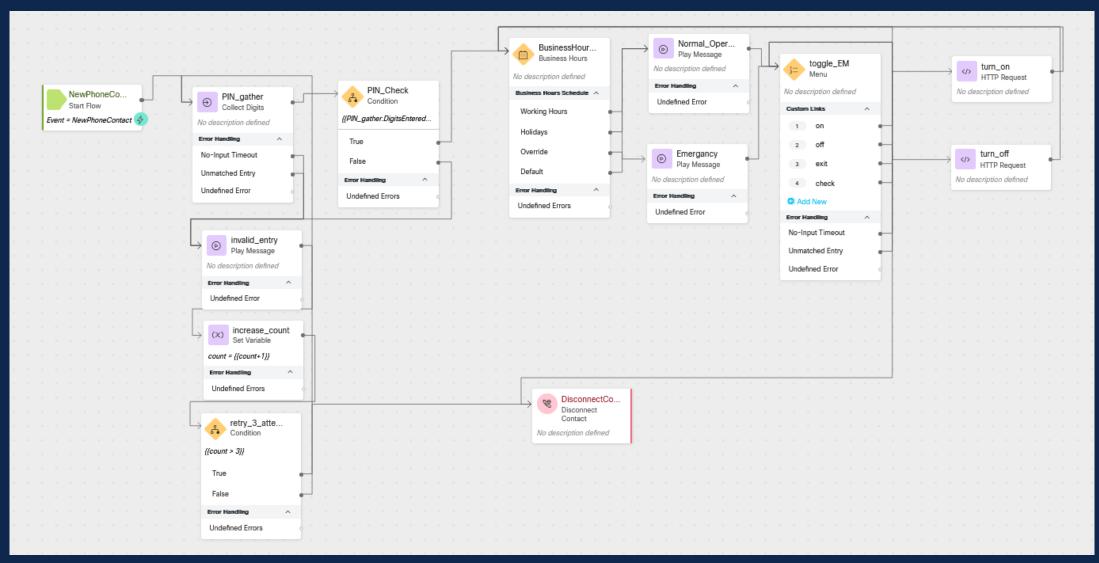
Use an external data source and do a data dip

Add logic to turn off the override once the call is delivered

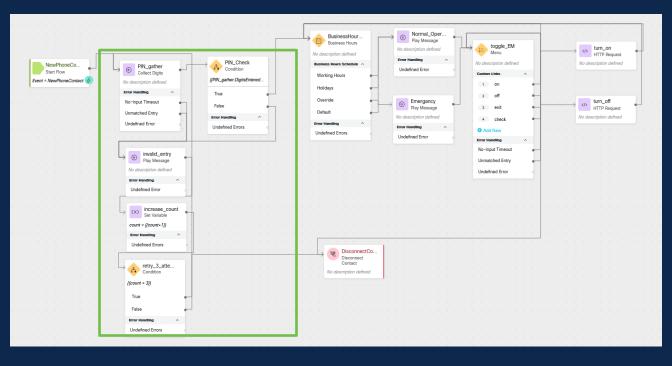


- Use Case:
 - In the event of an emergency, supervisors need to update the welcome message and/or update callers in the queue with a message.
- Features Used
 - Business Hours
 - Calling APIs from a flow
- APIs used in demo
 - Overrides

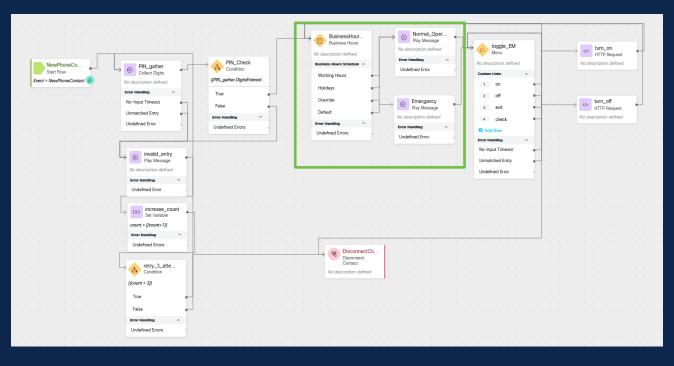




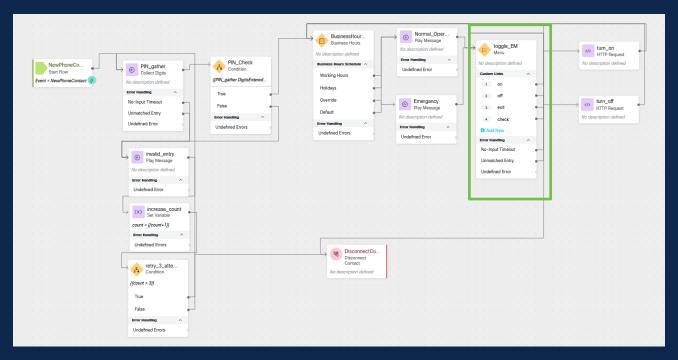
Check for auth pin



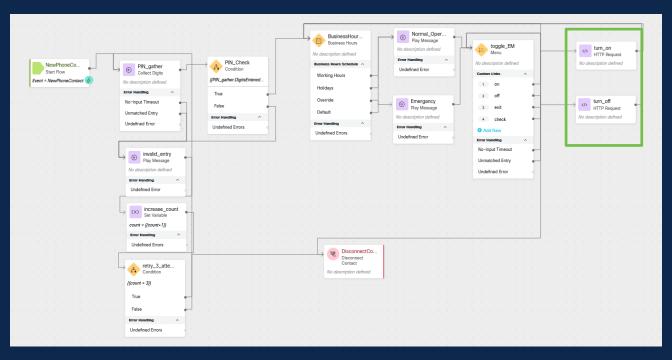
- Check for auth pin
- Check Current Status



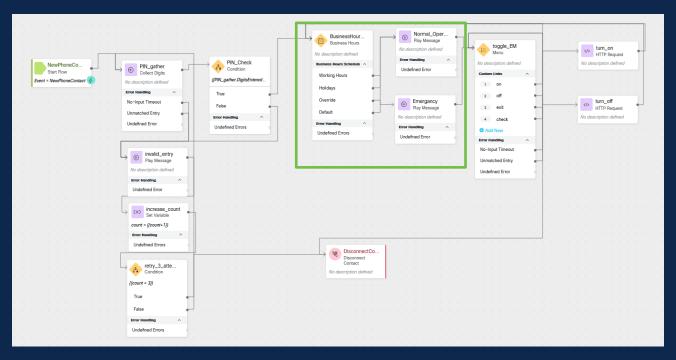
- Check for auth pin
- Check Current Status
- Offer Menu options
 - Turn on emergency mode
 - Turn off emergency mode
 - Hang up
 - Check Status Again

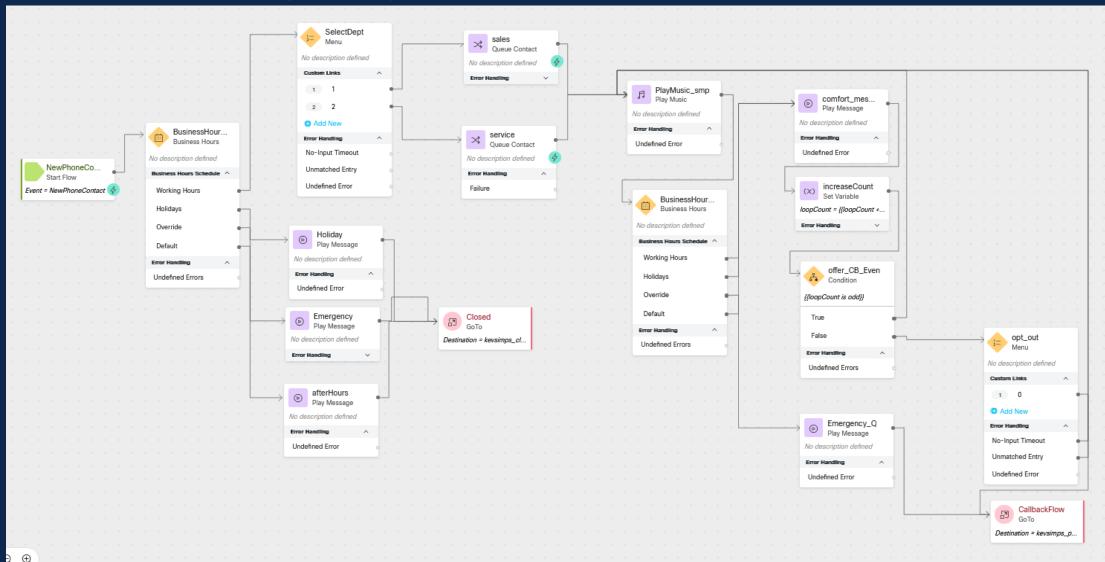


- Check for auth pin
- Check Current Status
- Offer Menu options
 - Turn on emergency mode
 - Turn off emergency mode
 - Hang up
 - Check Status Again
- Turn on or off emergency mode

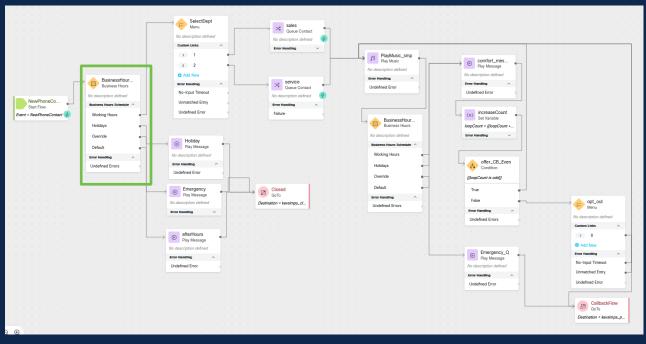


- Check for auth pin
- Check Current Status
- Offer Menu options
 - Turn on emergency mode
 - Turn off emergency mode
 - Hang up
 - Check Status Again
- Turn on or off emergency mode
- Confirm status

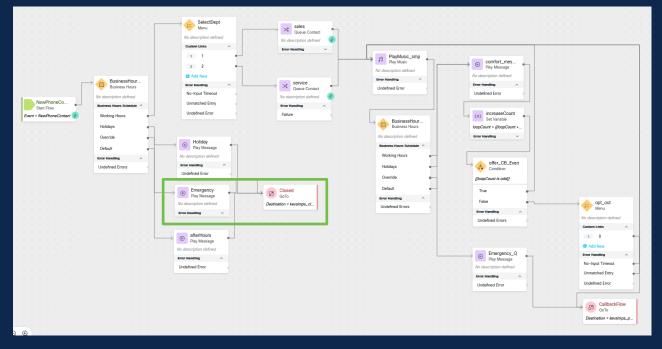




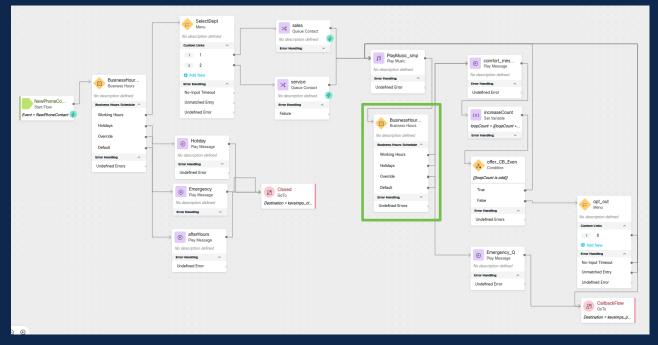
 Emergency changes will take effect on new calls



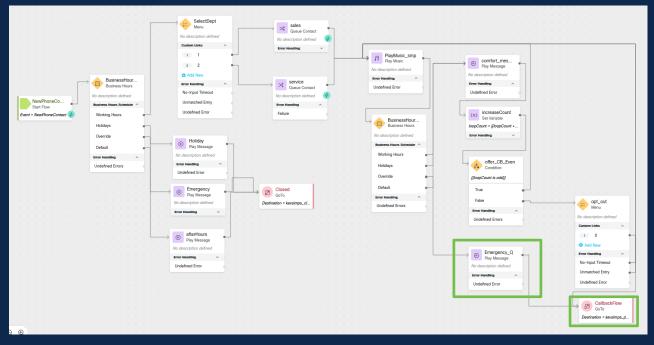
- Emergency changes will take effect on new calls
 - Plays a different message
 - Follows the closed flow



- Emergency changes will take effect on new calls
 - Plays a different message
 - Follows the closed flow
- Emergency changes will take effect on calls that are in the queue



- Emergency changes will take effect on new calls
 - Plays a different message
 - Follows the closed flow
- Emergency changes will take effect on calls that are in the queue
 - Plays a special message
 - Forces calls to the callback flow



How could this be improved?

- Place emergency treatment for new calls in a subflow
- Integrate with another system for in call authorization instead of just a pin
- Add logging so you can report on who made the change and when it was made
- Send Webex message or SMS when changes are made

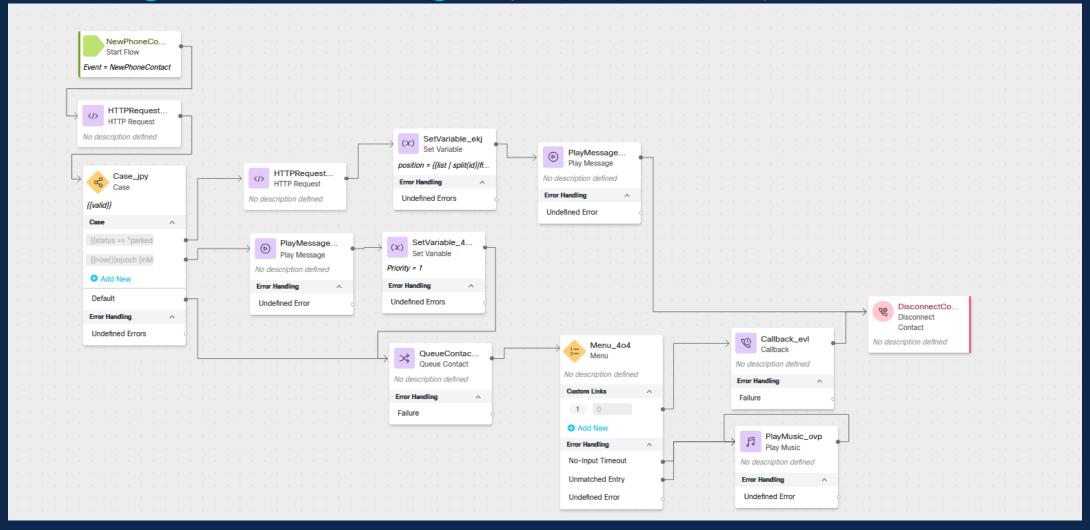


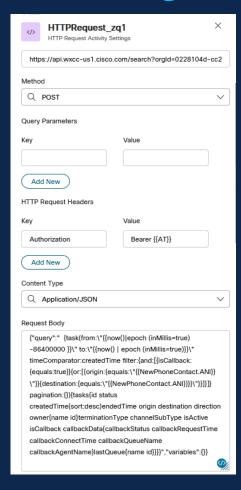


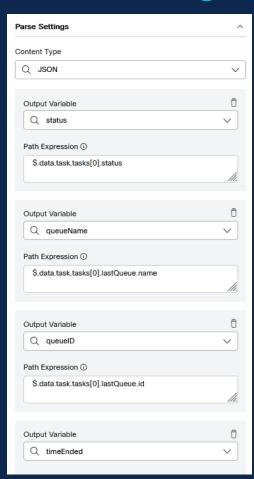
Use Case:

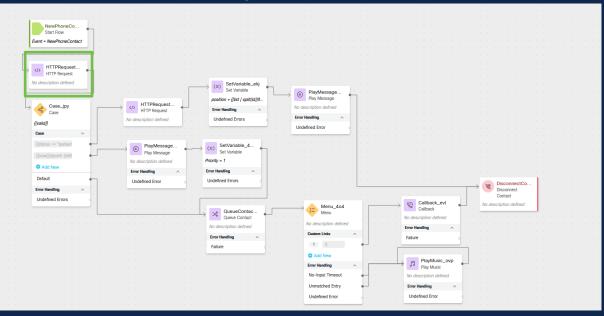
- Query new inbound call ANI to see if there is a callback pending and if there was a recent missed callback attempt/recently ended call (10 minutes)
- If there is a Pending callback
- The caller will be given their position in queue and informed that they will receive a callback when
 it is their turn.
- If there was a recent missed callback attempt/recently ended call (10 minutes)
- The caller will be moved to a P1 in the queue as it is still their turn.
- If neither is true, the call will be placed in the queue treatment.
- Features Used
 - Calling APIs from a flow
- APIs used in demo
 - Search API



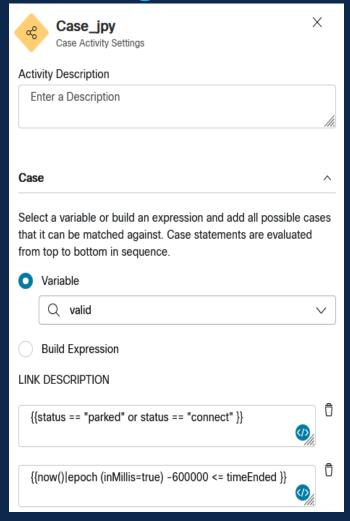


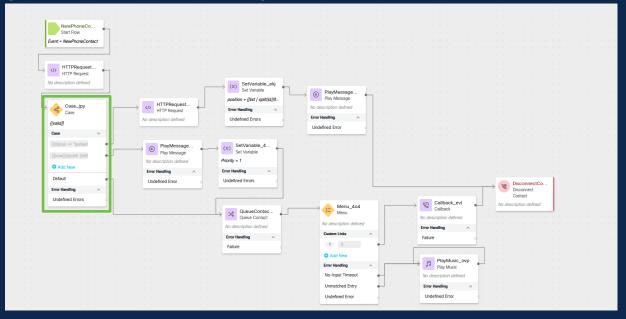




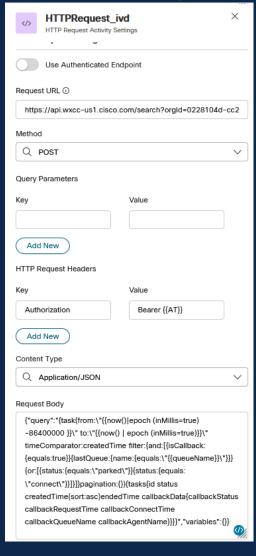


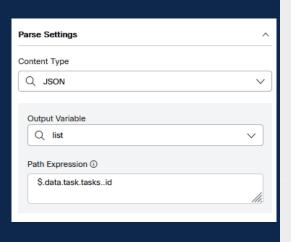
- Query Search API filtering on isCallback and ANI for both inbound and outbound calls
- Returning
 - id
 - Status
 - endedTime

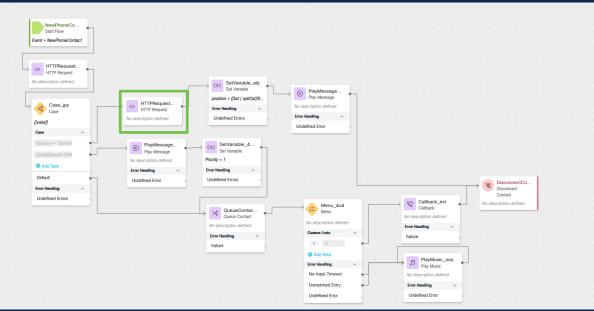




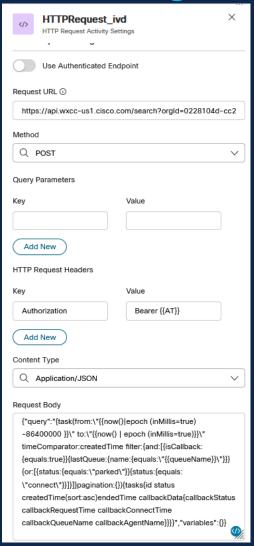
- If the Status is parked or connect (in case of RONA)
 - Query Search API for all calls in queue

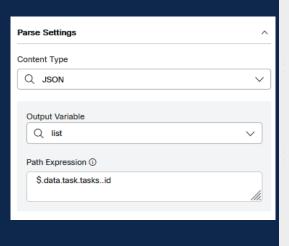




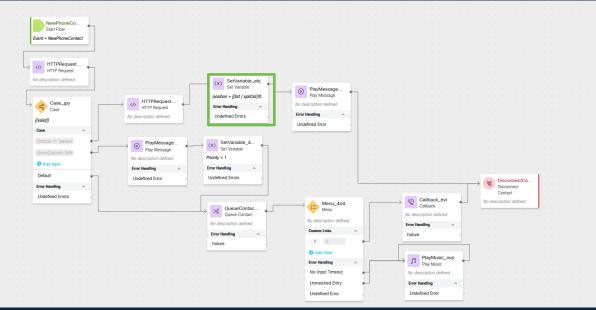


- If the Status is parked or connect (in case of RONA)
 - Query Search API for all calls in queue
 - Return a list of tasks

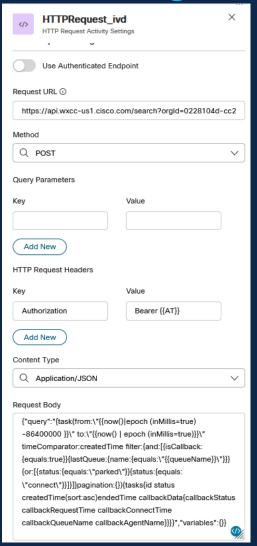


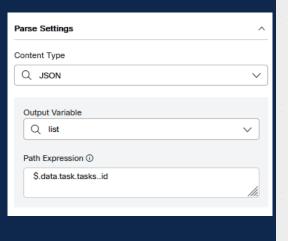




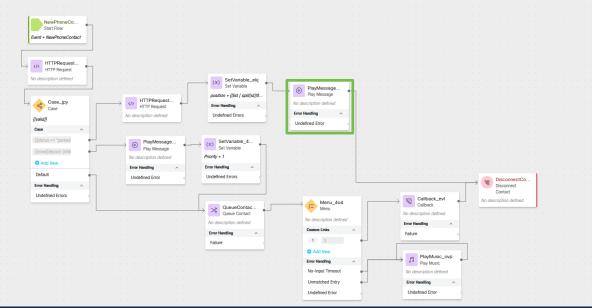


- If the Status is parked or connect (in case of RONA)
 - Query Search API for all calls in queue
 - Return a list of tasks
 - Split the list on the id of the existing callback and count how many tasks are ahead of the existing callback



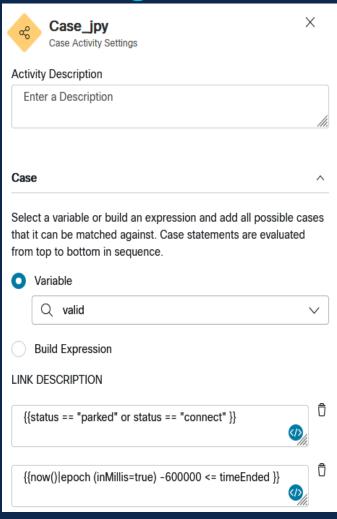


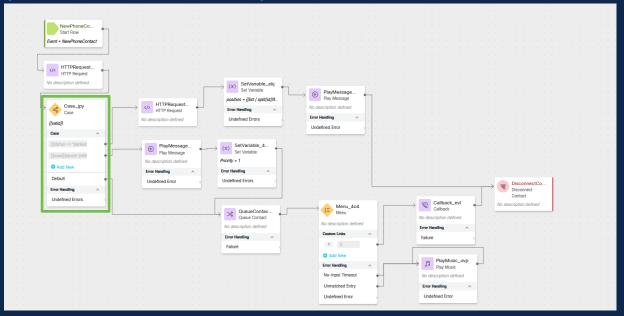




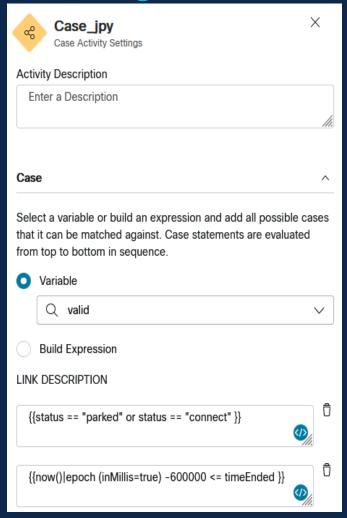
- If the Status is parked or connect (in case of RONA)
 - Query Search API for all calls in queue
 - Return a list of tasks
 - Split the list on the id of the existing callback and count how many tasks are ahead if the existing callback
 - Read back the position in queue

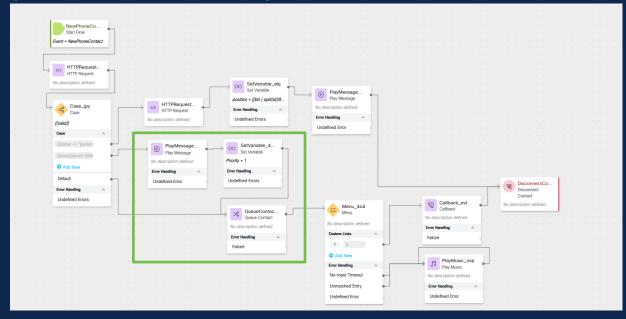




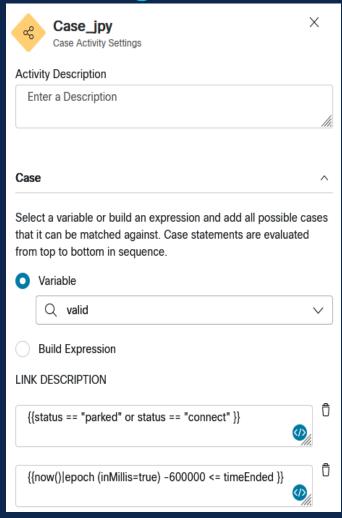


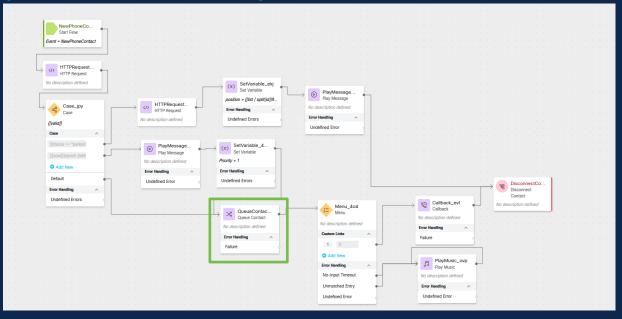
If the timeEnded is less than 10 minutes ago





- If the timeEnded is less than 10 minutes ago
 - Play a message that the call is being prioritized
 - Set the queue priority to 1
 - Place the call in the queue





- If neither case is true
 - The call is new
 - Place the call in the queue

How could this be improved?

- Use a subflow so you can easily add the feature to additional flows
- Use Business Hours to only run the logic when call volume is high
- Offer to send an SMS message when the callback is getting close to the top of the list
- Offer to schedule a callback





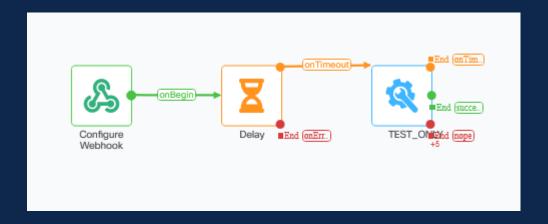
- Use case:
 - Agent wants to schedule a callback for a customer.
 - Customer wants to schedule a callback for a different day instead of waiting in queue.

- Features used:
 - Webex Connect Webhook
 - Digital Flow Builder

- APIs used:
 - Task



- Webhook accepts
 - Caller's name
 - Callback Time
 - Callback Number
- Delay
 - Holds flow until callback time is reached
- Call Task API
 - Callback Number
 - Caller Name as attribute
 - Entry Point ID to execute flow from

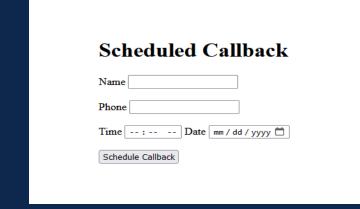


```
"destination": "$(param1)",
  "entryPointId": "dd0ece6a-9c2b-4541-9709-0af9bad7c242",
  "attributes": {"customerName": "$(param2)"},
  "outboundType": "EXECUTE_FLOW",
  "mediaType": "telephony"
}
```

The user fills out the information

 The form data gets parsed, and the date is formatted to be accepted by the webhook

The request is sent to the webhook



```
<script>
    function sendIt() {
        // Parse form entry into a date
        let cdate = new Date(document.forms.cb.date.value + "T" + document.forms.cb.time.value)
        // convert to GMT and format for webhook
        let cbTime = new Intl.DateTimeFormat('en-GB', {
            dateStyle: 'short', timeStyle: 'long', hourCycle: 'h24', timeZone: 'UTC'
        }).format(cdate).replaceAll("/", "-").replace(",", "").slice(0,19)
        let myHeaders = new Headers();
        myHeaders.append("Content-Type", "application/json");
        // Create body with for details and formatted time
        let raw = JSON.stringify({
            "Name": document.forms.cb.name.value,
            "Number": document.forms.cb.phone.value,
            "Time": cbTime
        let requestOptions = {
            method: 'POST',
            headers: myHeaders,
            body: raw,
            redirect: 'follow'
        // Send Request
        fetch("https://hooks.us.webexconnect.io/events/RC77BYE0E1", requestOptions)
            .then(response => response.text())
            .then(result => console.log(result))
            .catch(error => console.log('error', error));
</script>
```

How could this be improved?

Offer to schedule a callback window in a callflow

Send an SMS message reminder message

 Capture the reason for the call so that you can best route to a resource



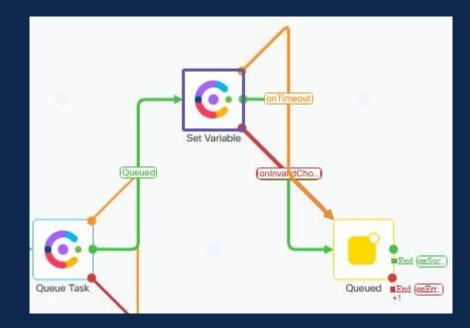


- Use case:
 - An agent needs to transfer a skilled chat to another queue
- Features used:
 - Webex Connect Task Modified Flow
 - Digital Flow Builder
 - Reportable Global Variable which is Agent Editable
 - Integration Custom Node
 - Developer Integration App
 - Text Skill for transfering
- APIs used:
 - Search API

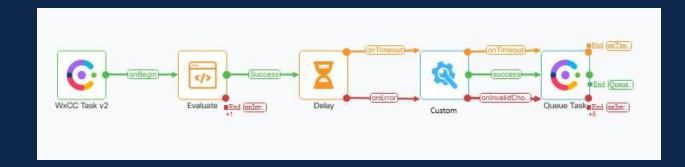


- Agent Editable Global Variable created on the tenant
 - Will be used to set the text skill

- Set Variable Node added to existing chat flow
 - Used to add the Global Variable to the flow



- Agent will transfer the chat to a queue with no teams assigned
- Flow will run when a chat is transferred
- Evaluate Node
 - Create time variables for the Search API Query
- Delay (2 seconds)
 - Allows the Global Variable to update in the Analyzer data

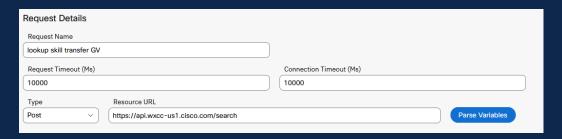


```
// To and From time for Search API Query var now = Date.now().toString(); var tenMin = (Date.now() - 600000).toString();
```

```
"destination": "$(param1)",
  "entryPointId": "dd0ece6a-9c2b-4541-9709-0af9bad7c242",
  "attributes": {"customerName": "$(param2)"},
  "outboundType": "EXECUTE_FLOW",
  "mediaType": "telephony"
}
```

- Custom Integration
 - POST to the Search API
 - Parameters
 - From Time
 - To Time
 - Task ID
 - Global Variable name which the agent updated before the transfer
 - Query will filter on the Task ID between 10 minutes ago and now
 - Returns the value of the Global Variable
 - \$.data.task.tasks[0].stringGlobalVariables.value

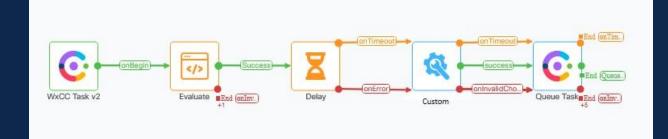




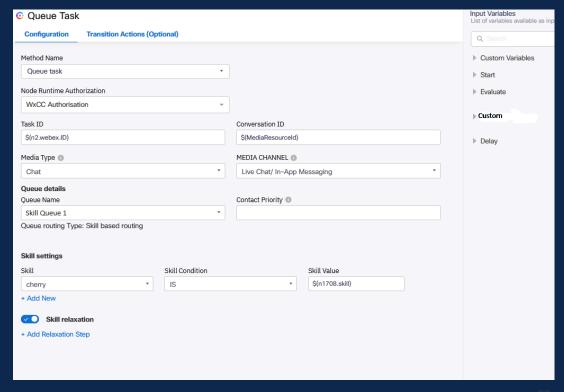


{"query": "{task(from:\"\$(param3)\" to:\"\$(param2)\" timeComparator:createdTime filter:{id:{equals:\"\$(param1)\"}}){tasks{id lastQueue{name}stringGlobalVariables(name:\"\$(param4)\"){name value}}}}"}





- Queue Task
 - Use the returned value from the Custom Node's Search API Query to set the skill value
 - Queue is statically set
 - Task will be delivered using the new skill



How could this be improved?

Use a Custom Desktop Widget with dropdown values

Select a different queues based on Global Variables

 Use Skills which are not text skills based on what the agent updated the Global Variable to reflect



Supervisor - Voice Flow changes from Desktop



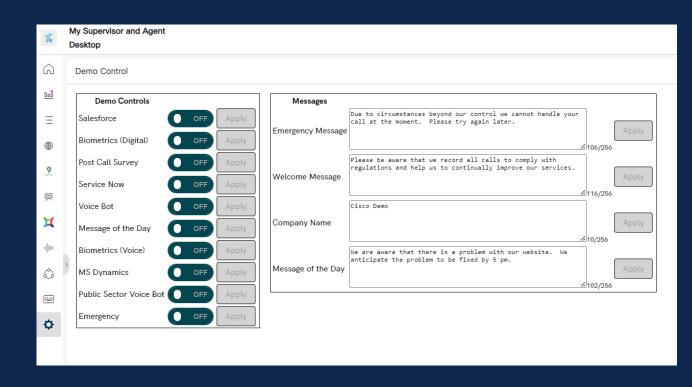
Supervisor - Voice Flow changes from Desktop

Use Case

- Change Messaging including ad-hoc messages
- Put Contact Centre into Emergency Mode
- Control Surveys
- And much more...

Features Used

- Global Variables APIs (read/write)
- (Glitch) webpage
- Supervisor Desktop Layout



Supervisor Voice Flow changes from Desktop

Standard Functionality

1

Create Global variables (Boolean and String types are currently supported) - naming convention required 2

Add Global Variables to your inbound routing flow

Enhanced Functionality

3

Create Glitch website to run in the Desktop

4

Use WxCC APIs within webpage to read and update global variables used in the Flow.

5

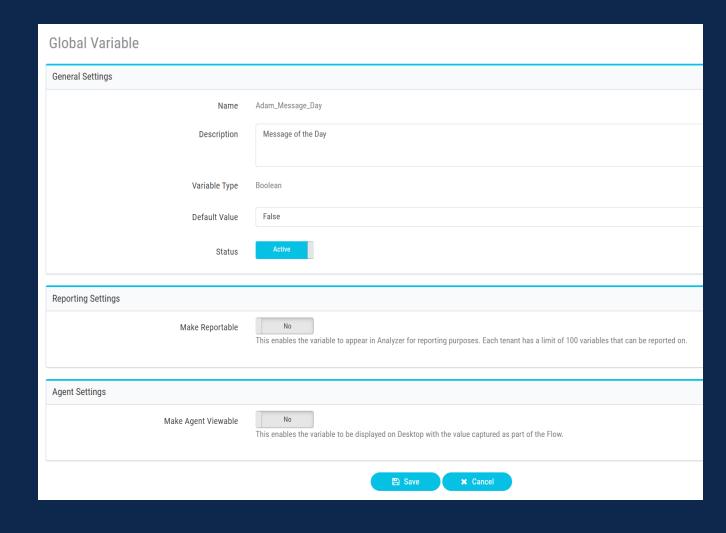
Add webpage to your Agent/Supervisor Desktop profile

Step 1 - Create Global Variable(s)

Use the WxCC (Legacy) Admin Portal to create either **Boolean** or **String** Global Variables that can be used in your voice flow.

This example will add an ad-hoc message (Message of the Day) to the Voice Flow.

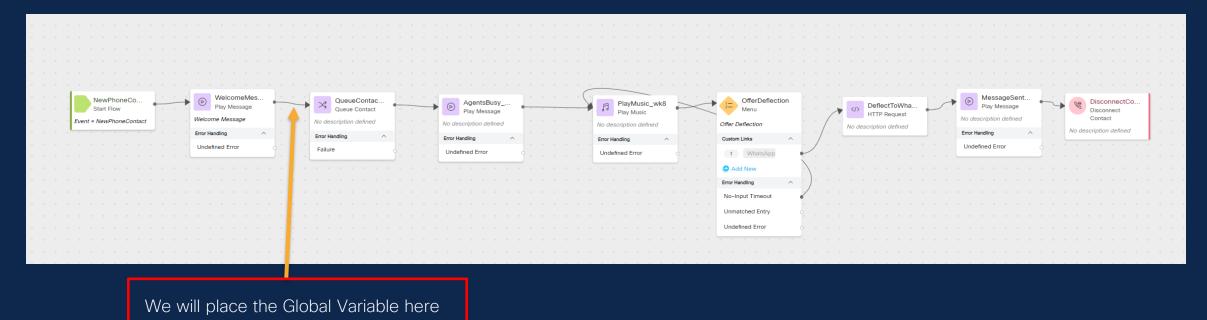
- Prefix your global variables with your name
 - e.g Adam_Message_Day
- Give your Global Variable a Description this is what will be shown in the webpage in the Desktop
- Choose either Boolean or String as the type of the Global variable
- Set a default value
- Save
- Repeat with a String Global Variable to contain the actual message to be played.



Use the WxCC Flow Editor to add the Global Variable to your Voice Flow.

We will build on the Call Deflection Flow from the previous example.

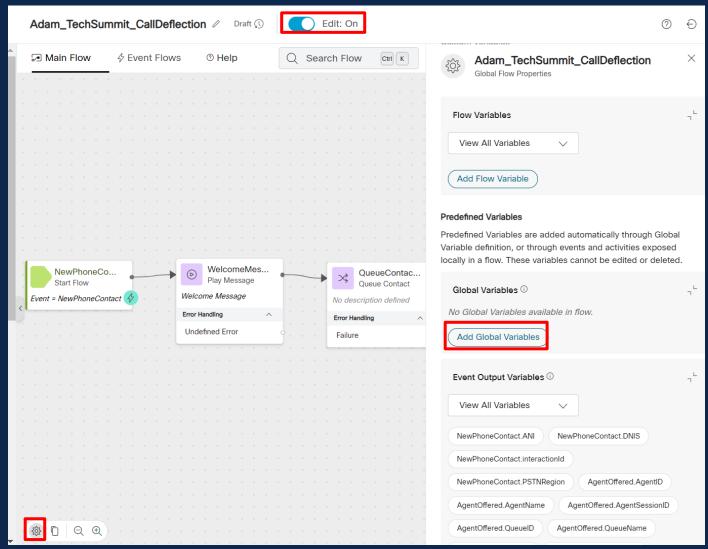
Add the Global variable before the queue node. (Note: you can add the Global Variable anywhere that is relevant)





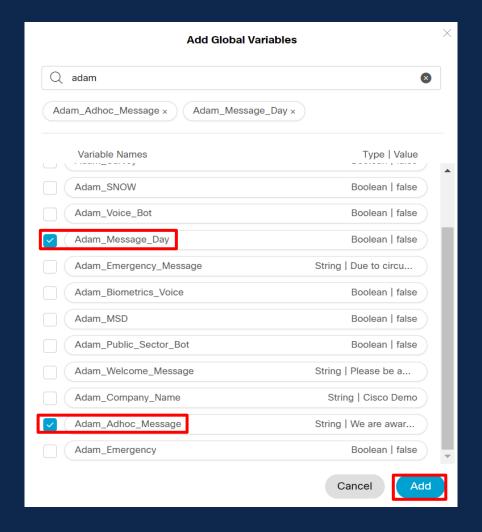
From Flow Designer

- Edit your flow.
- Select the Global Flow Properties Cog
- Scroll down to Global Variables and select Add Global Variable



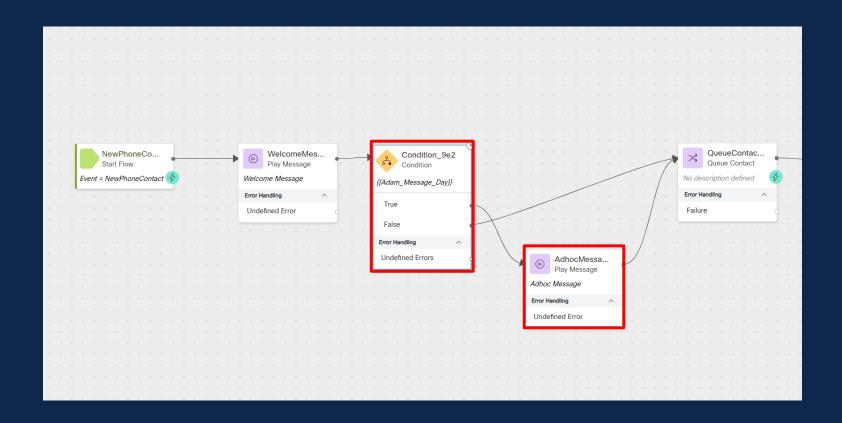
From Flow Designer

- Select the Global Variables added above
- Select Add

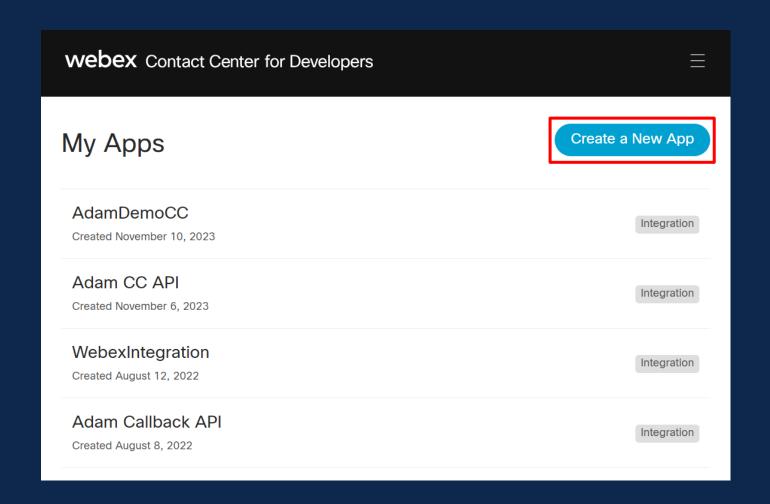


From Flow Designer

- Now, add to the main Flow:
- Condition
 - o {{Adam_Message Day}}
- Play Message
 - o If Condition True
 - o {{Adam_Adhoc_Message}}
- Validate and Publish



- From developer.webex-cx.com, create a new WxCC API App
 - Secret
 - o Client Id
- Create an Access Token mechanism to provide access token in your website
 - Details available in <u>Cisco github</u> <u>repository</u>.





Step 4 - Create (Glitch) website to enable view/update Global Variables

- Browse to Glitch.com
- Create a new Project
- Optional (rename project to something other than the random 3 words that Glitch defaults to)

```
Glitch
                                                                                                              Q
supervisor-controls
                                    script.js
👺 Settings
                                   2 This is your site JavaScript code - you can add interactivity and carry out processing
Assets
                                   3 - Initially the JS writes a message to the console, and moves a button you can add from the README
🖺 Files
                                     var agentEditable = [];
                                     var variableType = [];
LICENSE
                                     var agentViewable = [];
README.md
                                     var reportable = [];
                                     var active = [];
TODO.md
                                     var defaultValue = [];
                                     var gvid = []:
index.html
                                     var gvname = [];
script.js
                                     var checkboxname = []:
                                     var submitname = [];
style.css
                                     var textareaname = [];
                                     var remainingname = [];
                                     var description =[]:
                                     var savedtext = [];
                                     var org="fc5af61b-06a3-4122-be5c-bb344cffffdc";
                                     var access token;
                                     var mode:
                                  25 //Get Access Token
                                        GetAccessToken();
                                  29 // This is a single line JS comment
                                  31 This is a comment that can span multiple lines
                                     - use comments to make your own notes!
                                         function GetAccessToken() {
```

- From webpage javascript file, use the APIs to list the current status of the global variables.
- Get an access token

```
function GetAccessToken() {
   const myHeaders = new Headers();
   myHeaders.append("x-token-passphrase", "hzqWFLqbK53h");

const requestOptions = {
    method: "GET",
    headers: myHeaders,
    redirect: "follow",
   };
   console.log(requestOptions);

fetch("https://europe-west2-token-service-413010.cloudfunctions.net/token-service?name=wxcctoken", requestOptions)
    .then((response) => response.text())
    .then((result) => GetGlobalVariables(JSON.parse(result)))
    .catch((error) => console.log("[TEXTWIDGET] - ERROR - ", error));
}
```

 Use the Global Variables API to retrieve a list of all Global variables with the prefix added to the search.

```
function GetGlobalVariables(result) {
 var searchstring:
 access token=result.token;
 if (username == null) {
    searchstring = "";
  } else {
    searchstring = "?search="+username;
 const myHeaders = new Headers();
 myHeaders.append("Content-Type", "application/json");
 myHeaders.append("Authorization", "Bearer " + access_token);
 const raw = JSON.stringify({
 }):
 const requestOptions = {
   method: "GET",
   headers: myHeaders.
   redirect: "follow",
 console.log(requestOptions):
 fetch("https://api.wxcc-eu1.cisco.com/organization/"+org+"/v2/cad-variable"+searchstring, requestOptions)
   .then((result) => GotVariables(JSON.parse(result).context))
    .catch((error) => console.log("[TEXTWIDGET] - ERROR - ", error));
```

Parse the results of the search to create an HTML table of results

```
for (let i = 0; i < result.meta.totalRecords; i++) {</pre>
  agentEditable[i]=result.data[i].agentEditable;
  variableType[i]=result.data[i].variableType;
  agentViewable[i]=result.data[i].agentViewable;
  reportable[i]=result.data[i].reportable;
  active[i]=result.data[i].active;
  defaultValue[i]=result.data[i].defaultValue:
  gvid[i]=result.data[i].id;
  gvname[i]=result.data[i].name;
  savedtext[i]=result.data[i].defaultValue:
  checkboxname[i]="checkbox"+i;
  submitname[i]="submit"+i;
  textareaname[i]="textarea"+i;
  remainingname[i]="remaining"+i;
 description[i]=result.data[i].description;
 if (description[i] == "" | description[i]===undefined | description[i]==null) {
     description[i]=gvname[i]:
  if (result.data[i].variableType=="Boolean") {
   booleandata.push ({ name: description[i]. Value: defaultValue[i]. CheckName:checkboxname[i]. SubmitName:submitname[i] });
 if (result.data[i].variableType=="String") {
    stringdata.push ({ name: description[i], Value: defaultValue[i], TextAreaName:textareaname[i], SubmitName:submitname[i],
const tableContainer = context.getElementById('table-container');
tableContainer.innerHTML = generateTable(booleandata);
const stringtableContainer = context.getElementById('table-container-string');
stringtableContainer.innerHTML = generateTableString(stringdata);
```

Add some listeners

```
context.addEventListener('paste', e=>{
   let data = e.clipboardData.getData('text/plain');
  text.innerHTML = data:
  var textarealength = e.srcElement.value.length+data.length;
  e.srcElement.nextSibling.innerHTML=textarealength+"/256";
context.addEventListener('keyup', e=>{
    var textarealength = e.srcElement.value.length;
    e.srcElement.nextSibling.innerHTML=textarealength+"/256";
    StringChanged(e.srcElement);
context.addEventListener('click', e=>{
    buttonclicked(e.srcElement);
function buttonclicked(id) {
  // Get number
  if (id.nodeName == 'INPUT') {
    checkboxticked(id);
  } else if (id.nodeName == 'BUTTON') {
    submitticked(id);
```

• If anything changes and the Apply button is clicked, use the Set Global variable API to update the Global Variable.

```
const myHeaders = new Headers();
myHeaders.append("Content-Type", "application/json");
myHeaders.append("Authorization", "Bearer " + access_token);
const raw = JSON.stringify({
  agentEditable:agentEditable[index],
  variableType:variableType[index],
  agentViewable:agentViewable[index],
  reportable:reportable[index],
  active:active[index],
  defaultValue:defaultValue[index],
  id:gvid[index],
  name:gvname[index],
  description:description[index]
}):
const requestOptions = {
  method: "PUT",
  headers: myHeaders,
  body:raw,
  redirect: "follow",
console.log(requestOptions);
fetch ("https://api.wxcc-eu1.cisco.com/organization/"+org+"/cad-variable/"+gvid[index], requestOptions)
      n((response) => response text())
  .then((result) => updatelabel(JSON.parse(result)))
  .catch((error) => console.log("[TEXTWIDGET] - ERROR - ", error));
```

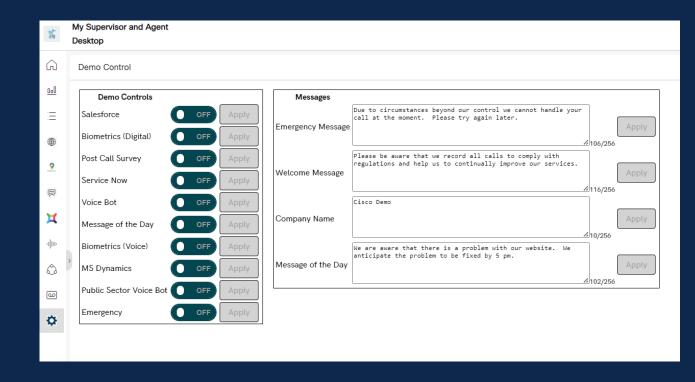
Step 5 – Add webpage to Supervisor Desktop

- Edit Desktop JSON File
- Add the following code to the Navigation section
- Use the User and orgld parameters to pass data to the script.
- Save and use Control Hub to upload to your Desktop Profile

```
"nav" : {
 "label" : "Demo Control",
 "icon" : "https://london-mailmedia.s3.amazonaws.com/5eb65906-aa26-404d-8fd7-2ddbe5f04d7e/Settings 1769175815618694.png",
 "iconType" : "other",
 "navigateTo" : "gv",
 "align" : "top"
"page" : {
 "id" : "gv",
  "widgets" : {
      "right": {
          "comp": "supervisor-controls".
         "script": "https://supervisor-controls-token.glitch.me/script.js",
          "wrapper" : {
            "title" : "Demo Control",
            "maximizeAreaName" : "app-maximize-area"
          "properties": {
            "User": "Adam",
            "orgId": "$STORE.agent.orgId"
      "layout" : {
      "areas" : [
          "right"
      "size" : {
        "cols" : [
        "rows" : [
```

Supervisor - Voice Flow changes from Desktop

- Refresh or log in as your supervisor. You should see a cog on the Navigation bar.
- Select the cog and you will see your Global Variables created above.



slido



What solutions do you want to create?



Webex Contact Center Blueprints

A place to find the solutions to your challenges

Searchable

Webex Contact Center Blueprints

Type to search

Article	Created	Last Updated
Cherry Picking Digital Channels	05/06/2023	05/07/2023
Multiple Languages Using the Same Flow with Prerecorded Messages		
Transfer Skilled Chat to Another Queue		
Handling Duplicate Callbacks	05/06/2023	05/07/2023
Multiple domains using the same Connect flow for chat	05/06/2023	05/07/2023



Use Case Based

- Problem
 - What we are trying to solve
- Solution
 - High level summary of how we are going to solve the problem
- Constraints
 - The parameters we worked with to create the solution
- Required Components
 - The ingredients in the recipe

Transfer Skilled Chat to Another Queue

Problem

Skilled Chats which get transferred to another queue keep their skills from the previous queueing event. Need to be able to update the skill when transfer a chat to another queue.

Solution

Use a Task Modified Flow to evaluate a transferred chat and change the skills of the chat when transferring to a queue.

Constraints

This example will be using a single text skill, single global variable, and a single skilled gueue for the purpose of simplicity and containment

Required Components

- Reportable, Agent Viewable, and Agent Editable String Global Variable
- · Text Skill for skill assignment
- . 2 chat queues with at least 1 being a skilled queue
- Functioning chat flow
- . Integration Custom Node
 - Developer Integration App
 - Search API
- Digital Task Modified Flow



Method - How did we put the parts together

Method Create a Global Variable (Link to documentation) Name:

- Type: StringDefault Value:
- Reportable: true
- Agent Viewable: true
- Agent Editable: true

Create a Text Skill

- (Link to documentation)
- · Name: TransferSkill
- Type: Text

Add text skill to the appropriate Skill Profile(s)

(Link to documentation)

Create/use 2 chat queues

- (Link to documentation
- Name: existing queue
- Queue Type: Inbound Queue
- Channel Type: Chat
- · Queue Routing Type: Skills Based
- . Teams: existing teams



Import and edit the Digital Task Modified Flow

• Import the Digital Task Modified Flow from github



Add variables to the Evaluate node to create the timestamps for the Search API

// To and From time for Search API Query var now = Date.now().toString(); var tenMin = (Date.now() - 600000).toString();

- Add a Delay node
 - o Wait 2 seconds
- . Add the Custom node
 - Method Name: The method you created above
 - From: \$(tenMin)
 - To: \$(now)
 - TaskID: \$(n2.webex.ID)
- · Add a Queue Task node
 - Task ID: \$(n2.webex.ID)
 - o Conversation ID: \$(MediaResourceld)
 - Queue details:
 - Queue name: existing queue
 - Skill settings:
 - Skill: Text Skill that you created above
 - Condition: IS
 - Skill Value: \$(n####.skill)



Steps to Test With

- Setup
 - What is necessary to test successfully
- MoP (Method or Procedure)
 - The steps you will take to recreate the solution on your tenant
 - Confirmation that everything is working as described

Testing

Setup

- Will need 2 agents which have different values assigned to the new text skill. Both agents should belong to a team which is assigned to the "existing queue".
- . Agent 1 should be skilled to receive the initial chat from the "existing queue"
- . Agent 2 will need to be assigned a unique value for the new text skill

MoP

- 1. Send a new chat to the queue which Agent 1 is skilled to receive.
- 2. After Agent 1 accepts the chat, they will update the global variable created above with the unique text value which Agent 2 has in their text skill.
- 3. After saving the change to the global variable, Agent 1 will then transfer the chat to the new queue which does not have a team assigned.
- 4. With Agent 2 Available, they will be delivered the chat in the original queue.



Coming soon!

Watch your Partner Success Space and Knowledge Hub



slido



What solutions do you want to create?



The bridge to possible

Channel Shift - Voice Deflection to WhatsApp from IVR



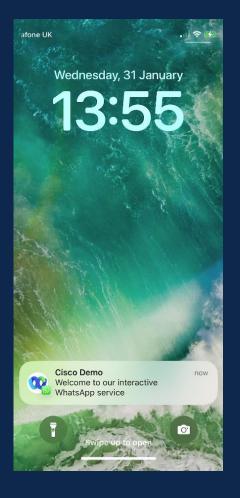
Channel Shift - Voice Deflection to WhatsApp from IVR

Use Case

- Reactive deflection customer in queue but all agents busy reduce abandon rate – positive abandons.
- Proactive deflection channel shift upfront messaging to divert before customer reaches the queue.
- Saving the customer £/€
 - Reduction in headcount
 - Multi-tasking agents

Features Used

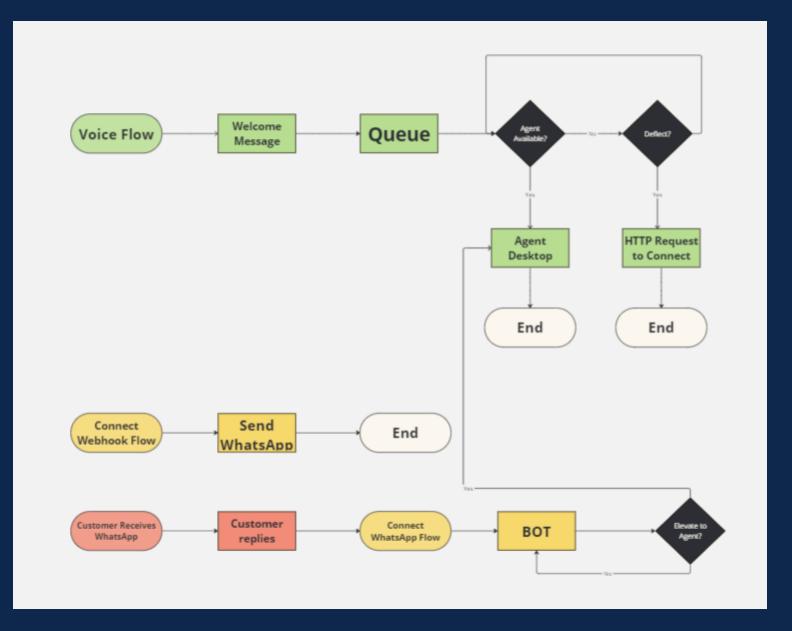
- HTTP Node in Voice Flow
- Connect webbook flow to move to digital channels
- Utilise Bots and real agents if necessary
- Can elevate back to voice if necessary (links back to Scheduling a callback above)



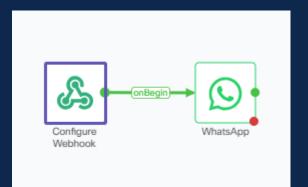


Channel Shift - Voice to WhatsApp from Queue

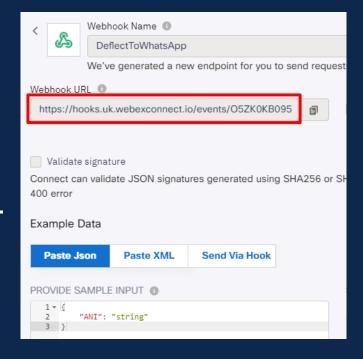
- Components
- Webex Contact Centre
- Voice Flow
- Webex Connect
- Webhook Flow
- WhatsApp Flow

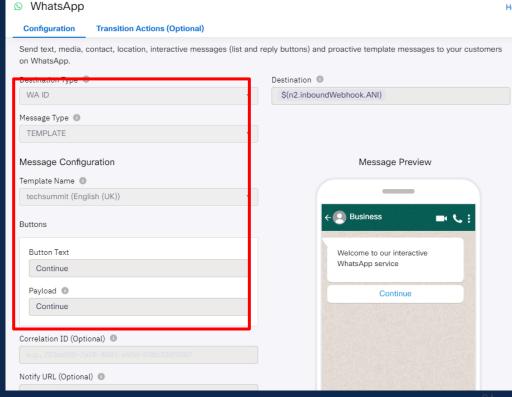


Channel Shift - Voice to WhatsApp from Queue



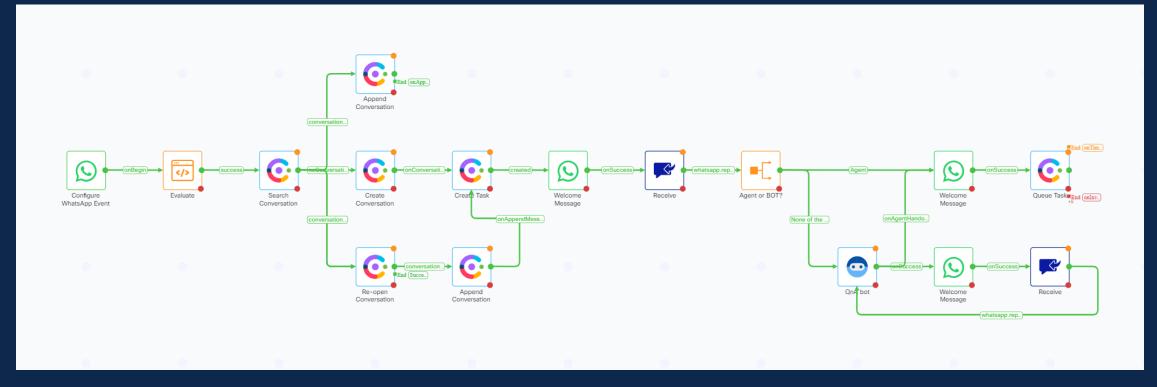
- Webex Connect
- Webhook Flow
- Webhook URL will be used in Voice flow.
- Use a WhatsApp template for initial outbound message.





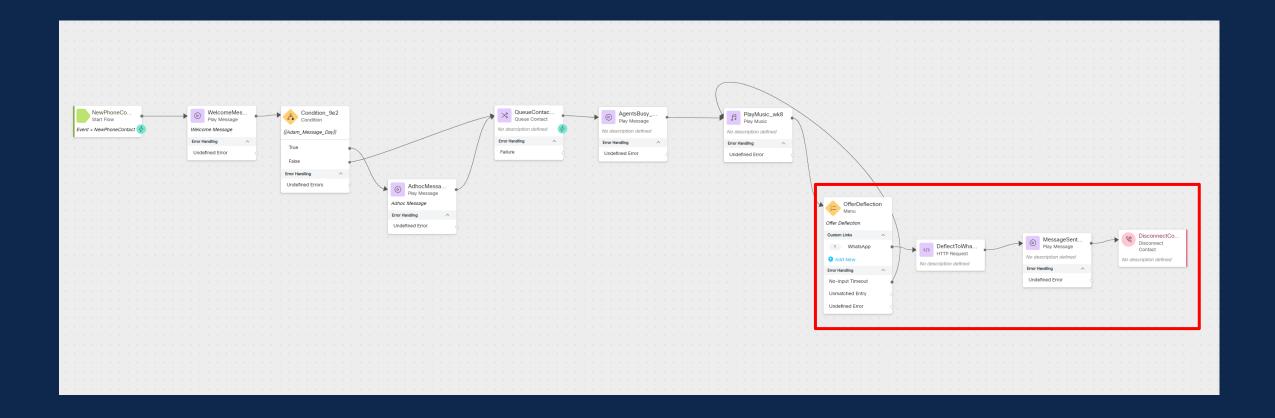
Channel Shift - Voice to WhatsApp from Queue

- Webex Connect
 - WhatsApp flow to handle customer interactions



Channel Shift – Voice to WhatsApp from Queue

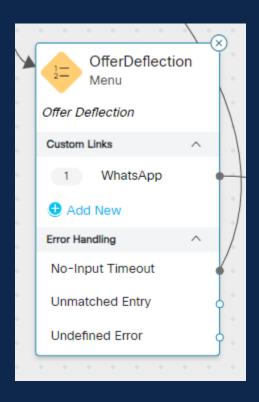
- Webex Contact Centre
 - Voice Flow

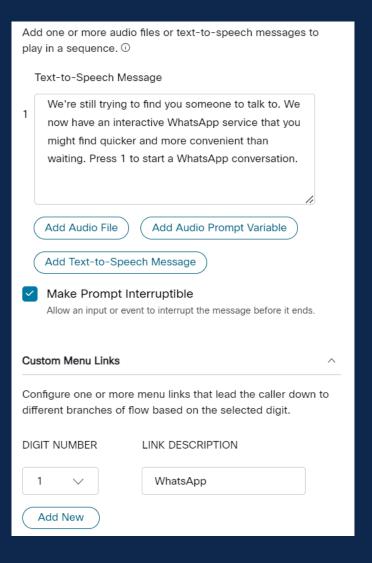




Channel Shift – Voice to WhatsApp from Queue

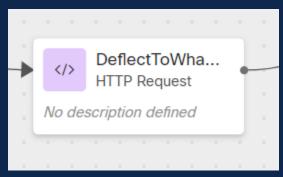
- Webex Contact Centre
 - Voice Flow
 - Use Menu node to offer deflection

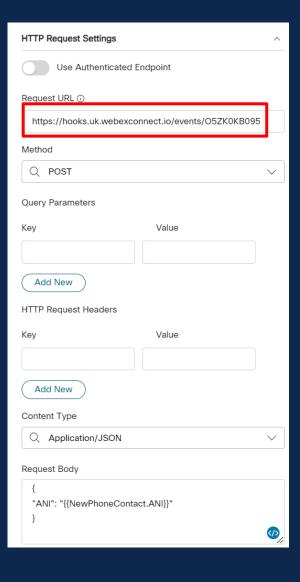




Channel Shift - Voice to WhatsApp from Queue

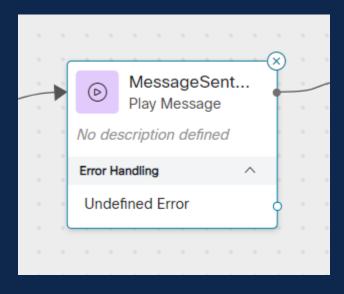
- Webex Contact Centre
 - Voice Flow
 - Customer presses one on their phone.
 - Use HTTP node to send request to Connect webhook flow created above.
 - Tell customer what has happened in a Message Node.

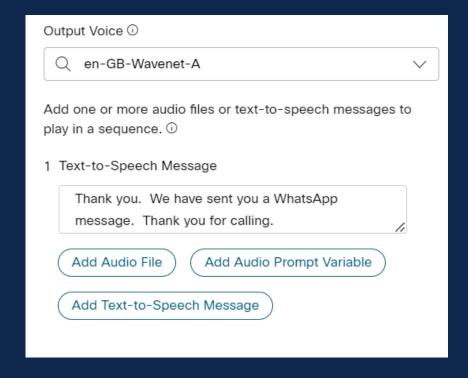




Channel Shift – Voice to WhatsApp from Queue

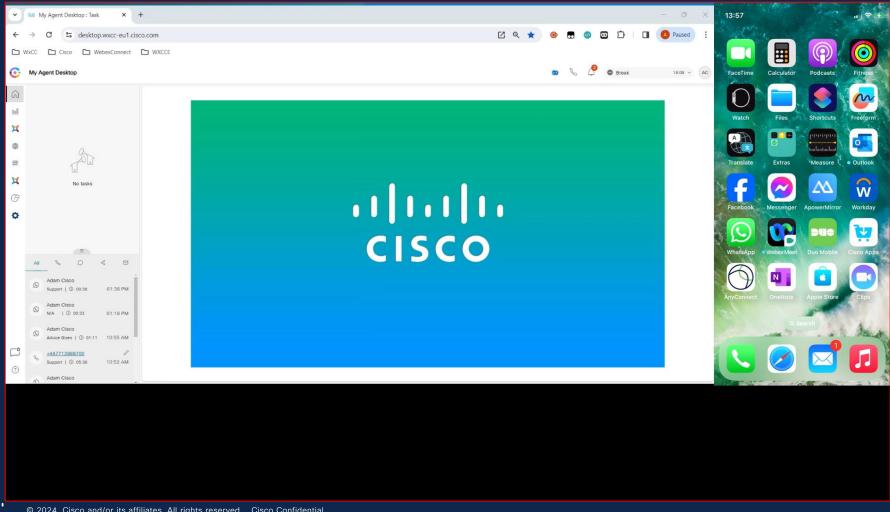
- Webex Contact Centre
- Voice Flow
- Tell customer what has happened in a Message Node.





Channel Shift - Voice to SMS from Queue

Demonstration





The bridge to possible