

There is so much more to Amazon Connect...

Building a Customer Experience App with AWS and
Amazon Connect

Hello!

- > We are Alex & Tom.
- > We work at CloudInteract.
- > This session will be different to what you're used to.
- > Please ask questions along the way.



When Deployment doesn't fix all the problems.

- > Everyone works in different ways.
- > A company == their culture.
- > Time to extend what's out of the box.



Case Study: Boutique Travel Agency

- > Personalised, Individual Experience.
- > Contact via Phone, Web, Chat, WhatsApp, Email.
- > Customers, Suppliers, Partners.
- > Currently use multiple systems.
- > Aims:
 - > Meet their current ways of working.
 - > Improve the value of the contact centre to the business.
 - > Ensure they are ready to embrace future innovation.
 - > Interested in video, for instance



Problems

- > Anti-Contact Center workflow
- > Trends across channels
- > What's everyone dealing with today?
- > Visibility of interactions over time
- > Voicemail
- > Existing (bespoke)CRM



Profiles & Cases

- > Solving the Data problem.
- > Using Call Flows to manage.
- > CRM Integration
- > Considerations.
- > Tips & Tricks.



Search Cases



+ Case

Post Call Survey > Audit history

▼ 5/30/2024, 2:55 PM - Case was updated

Survey_NPS

Before
9

After
4

Survey_AgentRating

Before
9

After
9

► 5/30/2024, 2:55 PM - Case was updated

5/30/2024, 2:55 PM - A phone call was handled

▼ 5/30/2024, 1:37 PM - Case was updated

Survey_AgentRating

Before
5

After
9

Survey_NPS

Before
5

After
9

► 5/30/2024, 1:37 PM - Case was updated


5/30/2024, 1:37 PM - A phone call was handled

Amazon Connect - Agent Workspace - CloudInteract - Microsoft Edge

https://dev-swoop-eu-west-2.my.connect.aws/agent-app-v2?referrer=admin

Offline

Welcome Tom



Quick connects

Number pad

Create task

Customer Profile

Cases

Email

Apps

Inbox

Sent

Urgency 1	Received 2	From	Category	Subject
	2 months ago	mark.twain@example....	Booking Update	Change of Date for Andean Adventure Booking
	2 months ago	derek_l@example.com	Complaint	Complaint: Disappointing Accommodations during Seychelles Trip
	2 months ago	alexis.t@example.org	Cancellation	Cancellation of Booking ID #45321
	2 months ago	samantha.k@example....	New Enquiry	Vegan Meal Options Query
	2 months ago	lucy.grace@example.c...	New Enquiry	Request for Itinerary Details for the Great Barrier Reef Dive Package
	2 months ago	nina_k@example.net	New Enquiry	Inquiry about Accessibility on European Tours
	a month ago	jane.doe@example.com	New Enquiry	Inquiry about Family-Friendly Destinations for Summer 2024
	2 months ago	gavin.lee@example.net	New Enquiry	Enquiry about Custom Honeymoon Packages
	2 months ago	trisha_m@example.org	Other	Feedback on Our Recent Safari Adventure
	2 months ago	brandon_j@example.c...	New Enquiry	Question About Travel Insurance


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Create task

Customer ProfileCasesEmail

Apps

InboxSentmark.twain@example.net

Booking Update

Subject: Change of Date for Andean Adventure Booking

From: mark.twain@example.net

Received: 2024-04-03 2:45 PM

Dear InterCloud Experiences team, I recently booked the Andean Adventure package for July 2024, but due to a scheduling conflict, I need to change my travel dates. Could you assist me with rescheduling my booking to a later date? Thank you for your help!

Make brief notes and main points.

GENERATE REPLY

Reply to this email.

SENDSEND & REMIND ME IN 3 DAYS


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tell us the dates, no charge

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Generating an email using the notes tell us the dates, no charge

Reply to this email.

SEND

SEND & REMIND ME IN 3 DAYS

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Amazon Connect - Agent Workspace - CloudInteract - Microsoft Edge

https://dev-swoop-eu-west-2.my.connect.aws/agent-app-v2?referrer=admin

Offline

Customer ProfileCasesEmailApps

RECEIVED: 2024-04-05 2:45 PM

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Make brief notes and main points.

GENERATE REPLY

Subject: Re: Change of Date for Andean Adventure Booking

Dear Valued Customer,

Thank you for your email regarding your Andean Adventure package booking for July 2024. We understand that scheduling conflicts can arise, and we're happy to assist you with rescheduling your travel dates.

To proceed with the date change, kindly provide us with your preferred new travel dates or a range of dates that would work best for you. Please note that date changes are subject to availability and any applicable price differences.

Rest assured, there will be no additional charges for the date change itself. Our team will handle your request promptly and provide you with the updated booking details once the new dates are confirmed.

We appreciate your understanding and look forward to making the necessary arrangements to ensure a seamless travel experience with InterConnect Experiences.

Please feel free to contact us if you have any further questions or require additional assistance.

Best regards,
Tom Morgan
Customer Advisor
InterConnect Experiences

SENDSEND & REMIND ME IN 3 DAYS

Welcome Tom

Quick connects

Number pad

Create task

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Data & Analytics

- > Why
- > How
- > Tips & Tricks





Net Promoter Scores

Date Range

5/16/2023



Agent

All



Queue

All



Avg NPS

8.31

NPS Target

9

Max NPS

10

Min NPS

7

Avg NPS



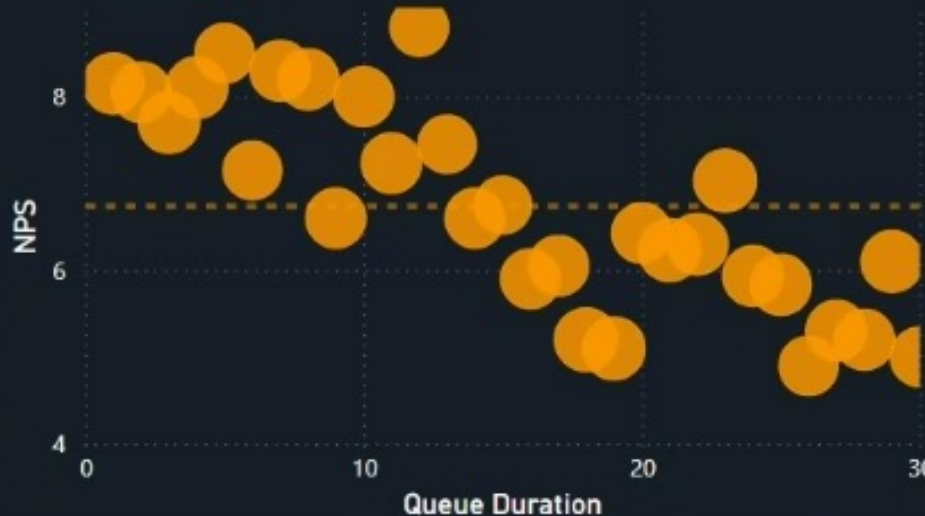
Avg NPS by Queue



Avg NPS by No. of Holds



Avg NPS by Queue Duration



Avg NPS by Month & Agent



Agent	Avg NPS	Contacts	Avg NPS by Month
Justin Wilson	8.75	1,012	
Rachel Garcia	8.75	1,016	
Emily Williams	8.50	1,010	
Charlie Young	8.36	1,008	
Ivy Martinez	8.25	1,038	
Lisa Brown	8.25	972	
James Anderson	8.23	979	
Alex Baker	8.17	1,011	
Jane Jones	8.17	991	
Elliot Lee	7.80	963	
Total	8.31	10,000	



Evaluations

Date Range

5/3/2023



11/13/2023



Agent

All

Queue

All



Contacts

10,000

Contacts Evaluated

100

% Contacts Evaluated

1.00%

Agents Evaluated

10

Avg Evaluation Score

60.50%

Evaluation Target per Agent

2

Contacts Evaluated by Month



Avg Evaluation Score by Month



Contacts Evaluated by Agent



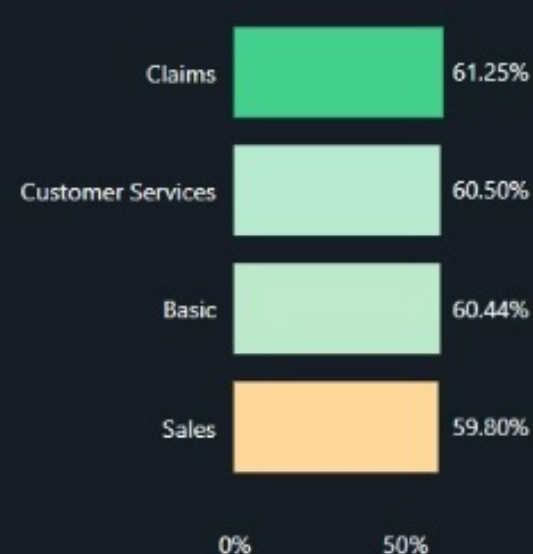
Avg Evaluation Score by Agent



Contacts Evaluated by Queue



Avg Evaluation Score by Queue





Lex Word Clouds

First Intent

All

Second Intent

All

Third Intent

All

Has Agent

All

Utterances

All

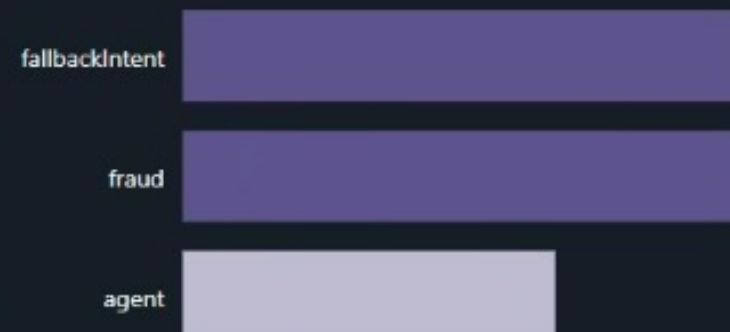
First Intents



Second Intents



Third Intents



First Utterances

Avg Sentiment

★ Neutral



Second Utterances

Avg Sentiment

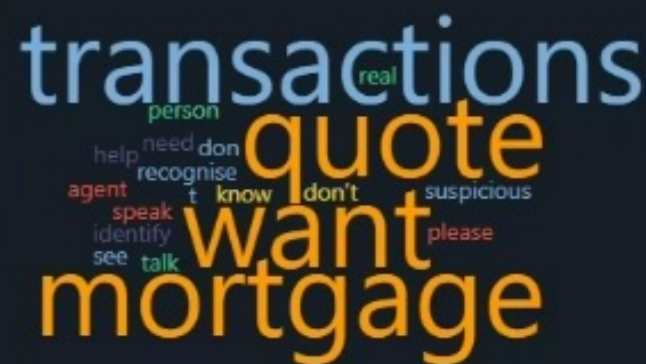
★ Neutral



Third Utterances

Avg Sentiment

★ Neutral



Conversation Analytics

ContactId

BF532A8C-5C89-44CC-B7E8-617EAC795D73

Channel

VOICE

Initiation Method

INBOUND

Queue

Customer Services Queue

Connected To System

10/26/2023 2:43:00 PM

Disconnected

10/26/2023 3:11:00 PM

Disconnected Reason

OTHER

Agent

Alex Baker

Agent and Customer Sentiment Trend

● Customer ● Agent



Conversation Summary

Full Transcription

The customer is calling to reorder one item, naproxen, from their current prescription medicines. The agent confirms that the item can be reordered and that the customer should expect to receive it in 48 hours. The customer thanks the agent and says that's all. The agent wishes the customer a good day and ends the call.

▶ 0:00 / 0:49 🔊 ⋮

Conversation Duration

00:00:46

Talk Speed - Agent

198.00

Talk Speed - Customer

204.00

Interruptions

0

Overall Sentiment - Agent

2.00

Overall Sentiment - Customer

1.70

Silence

0.00%

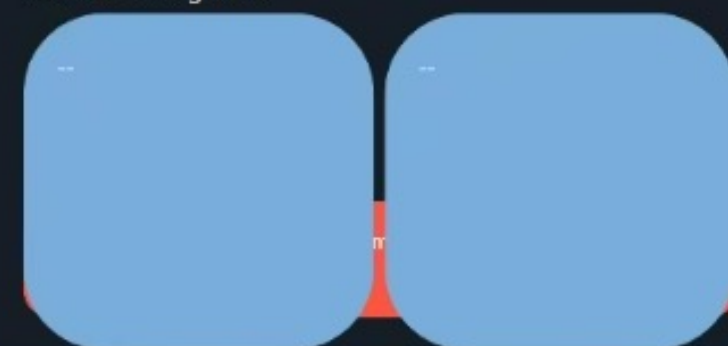
Avg Agent Talk Time

53.76%

Avg Customer Talk Time

21.34%

Matched Categories

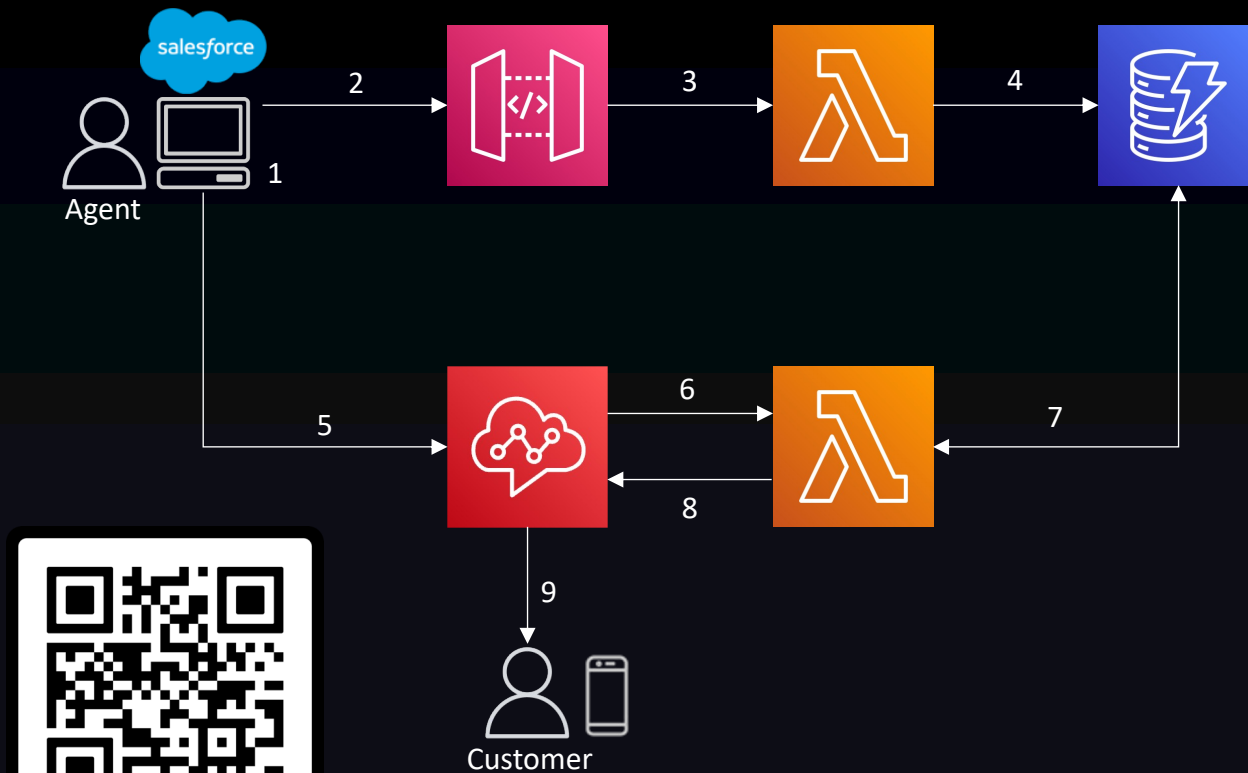


Integrations

- > Why & How
- > CRM Integration
- > Microsoft Teams Integration

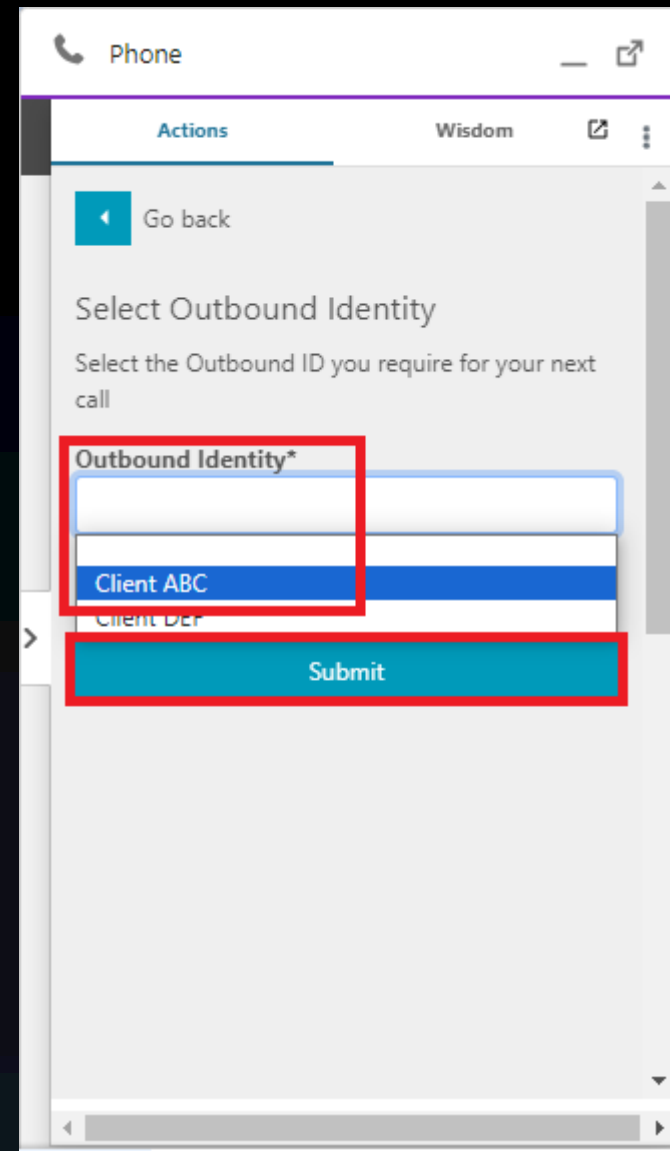
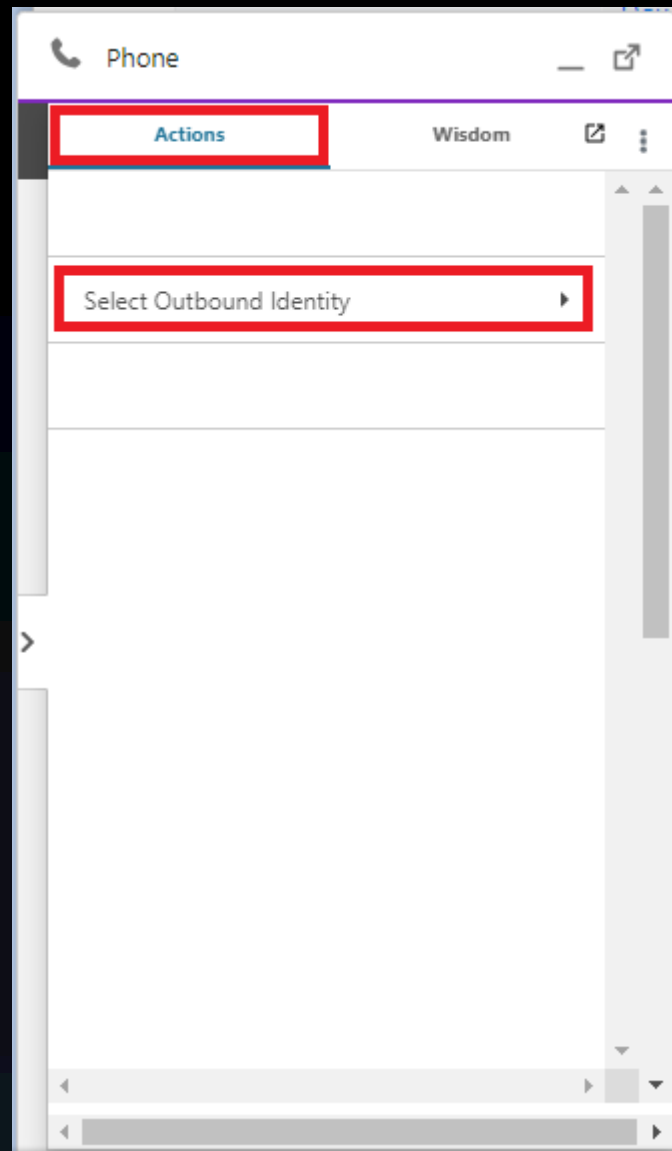
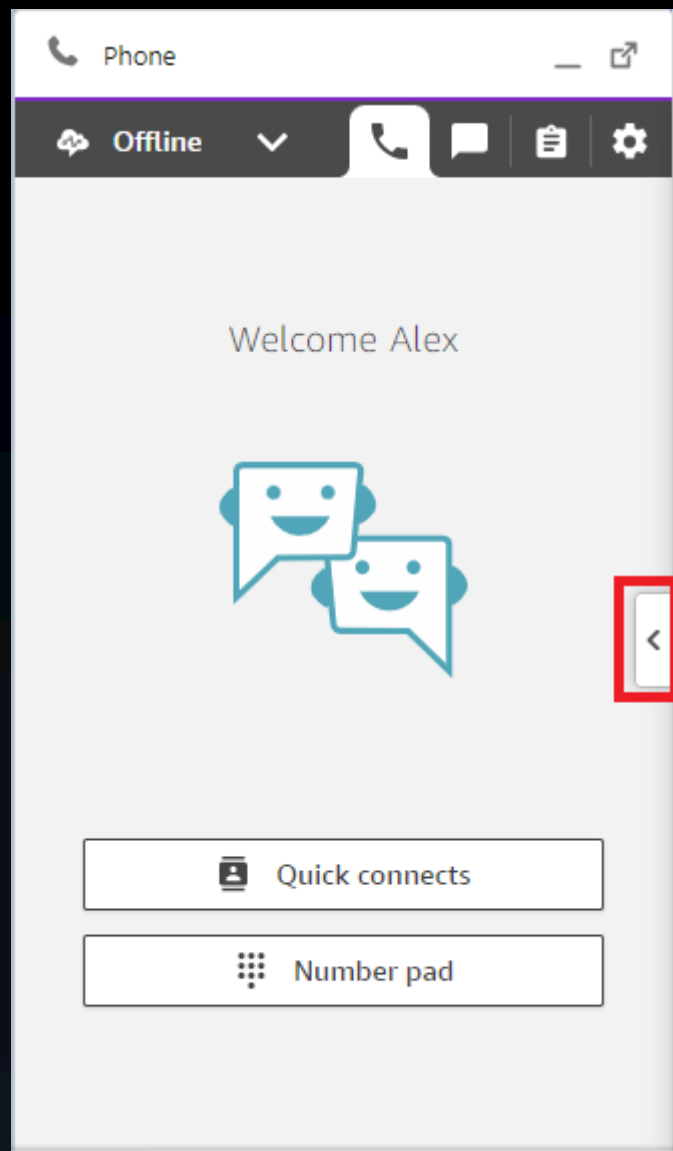


Outbound CLI Architecture



1. Agent selects outbound queue from CTI Action dropdown in Salesforce-embedded CCP
2. Salesforce CTI flow calls AWS API Gateway
3. API Gateway triggers `Update_Outbound_Queue` Lambda function
4. Lambda updates DynamoDB table which contains Agent-Queue mapping
5. Agent makes outbound call from Salesforce-embedded CCP
6. Connect outbound whisper flow invokes `Check_Outbound_Queue` Lambda function
7. Function looks up details from Agent-Queue table, and from Queue-OutboundCLI table
8. Current outbound CLI value for agent is returned
9. CLI value is used in Call phone number block in outbound whisper flow to make customer call





Inbound Activity

Outbound Activity

Teams Transfer

Customer Profile






Video

Tags

Real Time

Key Contacts

Hover for more details, click to consult.

-  Tom Morgan
-  Nick Seagrave
-  Dave Norris
-  Alex Baker
-  Bentley Paton

All Contacts

🔍 Search for a name


🔍 Search Wisdom

Suggestions

Search Results



You don't have access to Wisdom suggestions yet. Contact your Administrator so you can start receiving proactive suggestions to help address customer issues more efficiently.

[Learn more about Wisdom](#) 

AI


- > Lean into the future
 - > Contact Lens
 - > Amazon Q
 - > Other Examples
- > Use cases
- > Tips & Tricks




Available    

+44 7812 986876
01:58 Connected call

 Hold  Mute

 Number pad

 Quick connects







 Create task

 End call

Inbound Activity Outbound Activity Teams Transfer Customer Profile Video **Tags** Real Time

Summary

GENERATE SUMMARY

-  See Contact information, but the thing I'm gonna go to is our real time tab. It could take a few minutes before, um
-  You're gonna start to see any, uh, information in here. What's happening behind the scenes is we're using contact lens to get the call summary. Um and we're taking that information and
-  Accessing in real time rather than waiting, Uh, for the quarter wrap up at the end. What we found is Takes too long for agents to be really useful. Um, because what they wanna do is summarised the call.
-  So we we need to have the full transcript in front of us to be able to summarize that call. I'm just gonna flip from, um, talking to my phone to talking through my agent headset.
-  You won't notice any different because I'm recording on a different microphone. Um, but you're gonna see it happening in the summary in the minute that the agent will start talking. As well. So, like I was saying, we take that real time, Uh, transcription as it's coming.
-  We're doing some work to make this, um a little bit more real time. We think we can do a better job. Um, this is quite an early early proof of concept We're looking at right now.

 Search Wisdom

Suggestions

Search Results



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[Learn more about Wisdom](#)

Available

+44 7812 986876

02:16

Connected call

Hold

Mute

Number pad

Quick connects

Create task

End call

Inbound Activity

Outbound Activity

Teams Transfer

Customer Profile

Video

Tags

Real Time

Search Wisdom

Summary

The transcript is about a new feature in a communication platform that provides real-time transcripts and sentiment analysis of customer calls. The customer is testing the feature with an agent, and they discuss the benefits of having access to the full transcript and the real-time analysis. The agent explains that the tool is still in development, but the goal is to present the information to the agent and customer in a more timely and useful manner. The customer agrees to provide feedback as the feature is improved.

COPY TO CLIPBOARD

REGENERATE SUMMARY

Summaries are generated from as much of the captured transcript is present. Carefully review transcripts for quality before using.

- See Contact information, but the thing I'm gonna go to is our real time tab. It could take a few minutes before, um
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Homework

- >Integrate CCP into a third-party solution
- >Look into the data streams
- >How are you going to leverage Connect + AI for your organisation?
- >Subscribe to ACP!





Thank you!

