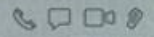


RCS VR IMMERSIVE COMMUNICATION

Chat, voice and video call with users in remote locations while immersed in 360° live video streams or simulated VR/AR environments

FROM AR/VR
CONFERENCE CALLING
CUSTOMER SUPPORT
PRESENTATIONS
TRAINING



VRcalling.com
VoLTE, ViLTE, RCS



SUMMIT

Reality can be so much Cooler

VIRTUAL REALITY | AUGMENTED REALITY

YOU DON'T NEED TO IMAGINE IT

VoLTE, ViLTE & RCS

YOUR IMS NETWORK ALREADY
SUPPORTS VR/AR CALLING

Mixed reality RCS chat, voice & video calling
experiences, introduced with 2017 live video
streams or simulated VR/AR environments.
End-to-end services for live, VR Events &
Concerts, All Conference Calls & Telepresence



Video call through
RCS and 5G

Video Call presented onto
VR headset



Ai



IMS • VR • AR • m-IoT • MaaP • Ai • RCS

IT'S ALL CONNECTED

WHAT LIES BEYOND
MOBILE APPS?

Messaging as a Platform
RCS Chatbots

Summit's RCS Bot Conversation and chat platforms will help to
improve customer engagement and support by providing a
platform for intelligent conversational assistants, built
designed for quick conversation, seamless and
simple, and easy to use. It's the future of customer service.
Complete solution from device to platform and
with automatic and machine intelligence (AI) to
help it learn and improve over time. It's the future of
customer service.

Summit IMS • Bots • IoT
IT'S ALL CONNECTED

*IMS clouds
can be seriously
Cool*

IMS SERVICES FOR LTE & 5G

RISE OF THE VOICE



RCS/VoLTE

GSMA ACCREDITED RCS CLIENT / SDK

Dual and Single registration

Multi-platform IMS stack supporting RCS Universal Profile and VoLTE / VoWiFi for Android, Wearables, iOS, Windows, macOS, Linux & WebRTC

Business VoLTE

- Multi-Line, Multi-Identity, Multi-MSISDN
- Fixed-mobile convergence
- Digital assistants / AI
- Voice / Video Conferencing
- Whiteboard / Screen share

IMS Digital Assistants

- Powered by Summit's AI Engine
- Supporting AI Enriched Calling



SUMMIT
summit-tech.ca

INNOVATIVE
IMS SOLUTIONS
DESIGNED
to amaze

IMS SERVICES
5G | LTE
LTE-M



CHATBOTS RCS

- WYSIWYG bot creator
- Natural Language Processing (NLP)
- Template library
 - Retail mCommerce
 - Gaming & Entertainment
 - Restaurant ordering
 - mWellness services
 - ...



VIRTUAL ASSISTANTS, ROBOTS & DRONES

IMS enabled smart speakers

- Standardized device interface with IMS
- LTE-M / Cat-M1 support
- Advanced AI within telecom services
- Deep Machine Learning, optimized training, intelligent adaptation
- AI computer vision & speech processing
- Voicebots / Chatbots



RCS MaaP

Messaging as a Platform

- Interworking with bot platform providers
- Leverage existing bots with RCS API
- A2P Service Creator
- Chatbot Directory
- Chatbot control of IoT devices
- User identity / GSMA Mobile Connect
- Chatbot Analytics
- Web bots

RCSMaaP.com



RCS XR 360° VR CALLING

5G 8K Edge Computing
LTE 4K streaming
IR92 | IR94 | IR39

AR / VR Multi-Party Video Calling
Immersive Telepresence with AI
Presentations | Training | Customer Service

Real-time 360° Live Experiences
Travel Destinations | Concerts
Sporting Events | Gaming

VRcalling.com



IMS/RCS CLOUD

IMS Core, SBC, ACS, IM-AS, PNS, MaaP, WebGW, TAS

- World's first GSMA accredited Universal Profile network
- High availability, reliability & scalability
- Rapid deployment on virtual, physical or NFV infrastructure
- Carrier certified NNI support

IMSRCScloud.com

RCS is Finally Here

- RCS Achieving critical mass
- RCS is reaching a tipping point
- Millions of users have RCS clients on their handsets without network support. This will mean rapid uptake once operators activate the service.
- China Mobile Launch announcement earlier today
- 5G will have RCS as default message bearer

A Successful RBM Ecosystem

Brands:

- Reach and conversion
- New, more effective channels
- Reuse existing data sources

Aggregators:

- Using RCS to offer interactive, media-rich campaigns
- Tools & metrics that help build and fine tune campaigns

Operators:

- Ease of deployment
- Monetization of their investment in RCS
- Being relevant and competitive with OTTs

End Users:

- Access to engaging interactive content and new ways to connect with brands
- Want to share experiences and be social in everything they do

Rich Communication Services for leading carriers and platform providers

- Toolchain to make content creation and management easy
- Differentiators – business messaging should be a competitive space
- How to do guides
- Best practices for chatbot directory listings
- Choosing the best hosting for chatbots

RCS MaaP

Create a new Chatbot

The information below is what users will see when they open your chatbot's contact card. Name and describe your chatbot and give your chatbot a logo. Fill in the contact details so users can reach you, if necessary.

Chatbot Service Name ¹

Description ²

Provider Name ³



Choose File

The image should be at least 512x512.



Choose File

The image should be at least 512x512.

Category

☐ Shopping
☐ Enterprise
☐ Games
☐ Customer Service

Contact Details



Voice or Messaging?

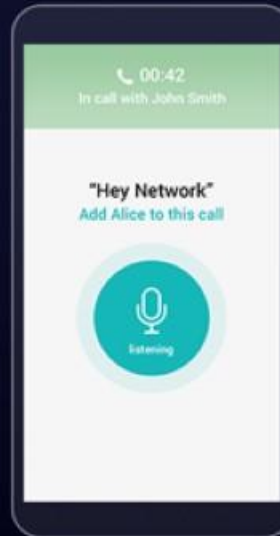
An omnichannel approach requires Chatbots to do more than just basic messaging

AI

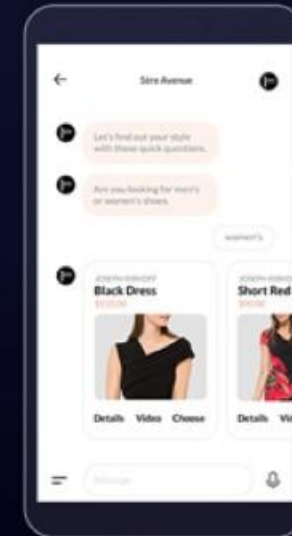
In-call voice bots.

"Hey Network, set up a conference call with..., let me know when everyone is on the line"

Assistants offer competing voice/messaging services



Is a chatbot an island?



Onboarding Businesses



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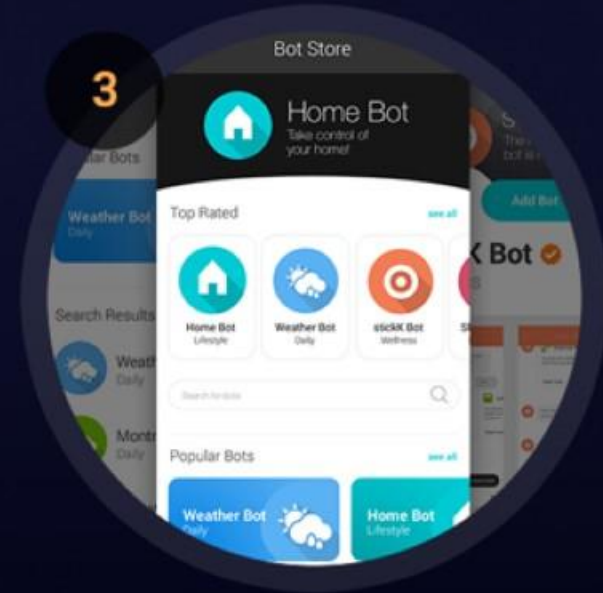
Setup a MaaP Service in 3 simple steps



MNO service
provisioning portal



Design and
build chatbot



Launch
service

Chatbot Templates

Create **Bots**



Customer
Support



Event
Invitation



Smart
Home



Home Lite



Lead
Qualification



Online
Ticketing



Order
Tracking



Service
Booking



Shopping



Survey



Weather



Traffic

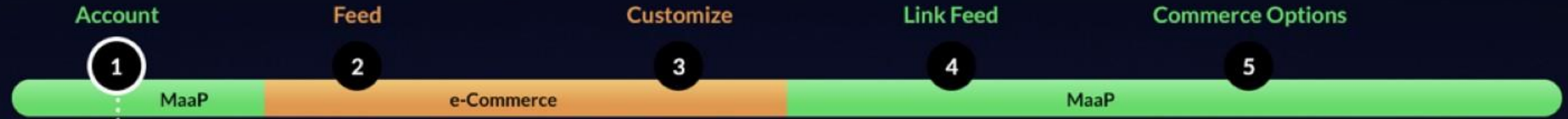


Service
Balance



Transaction
History

Creating an eCommerce RCS Chatbot



Step 1: Maap Service Provider

MNO/Aggregator creates account for retailer or provides retailers with access to self-service portal

MNO MaaP (partner)

Account Generator

Select Program

| Program | Type | Commission |
|---|--------------------|-------------------------|
| <input type="checkbox"/> Pay per Sale | Pay per Sale | 2% of sales amount |
| <input type="checkbox"/> Pay per Click | Pay per Click | \$0.05 per unique click |
| <input type="checkbox"/> Pay per Lead | Pay per Lead | \$0.05 per lead |
| <input type="checkbox"/> Pay per Impression | Pay per Impression | \$0.10 per 1000 views |

\$100.00 - Minimum balance required for payout.

USERNAME :

EMAIL :

PASSWORD :

GENERATE ACCOUNT

Retailer

Login

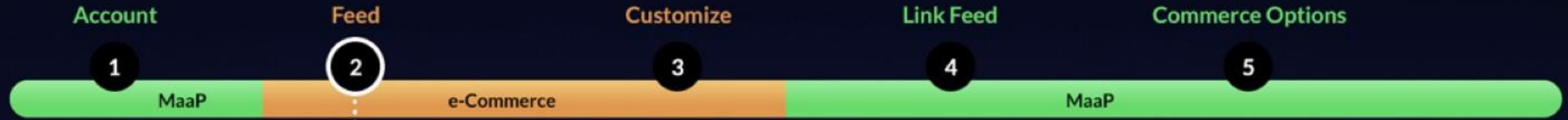
USERNAME:

PASSWORD:

LOGIN

email with password sent

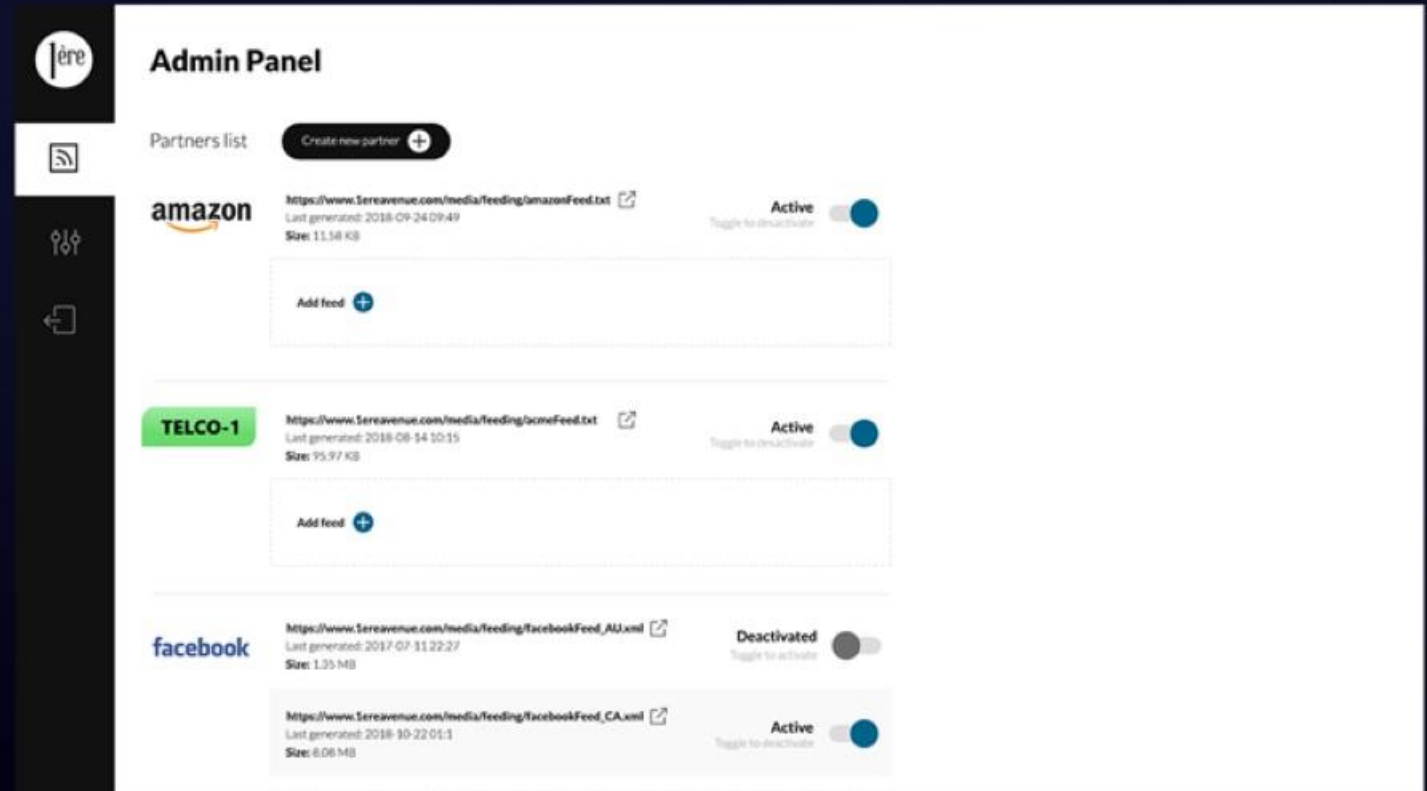
Creating an eCommerce RCS Chatbot



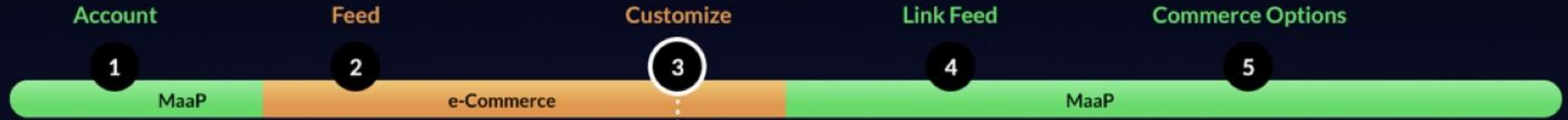
Step 2: eCommerce Retailer

On the retailer's existing eCommerce platform*, retailer generates a standardized product feed for partner (e.g. MNO chatbot platform)

*Workflow for retailer is no different for MNO MaaP as it is for web eCommerce partners.



Creating an eCommerce RCS Chatbot



Step 3: eCommerce Retailer

Customize **Feed** specifically
For chatbot platform/market

lere Admin Panel

New Feed

Feed Name: Telco-1

Language: ☐ FR ☒ EN

Currency: ☐ CDN ☒ USD

Category: Skirts Tops Handbags Coats

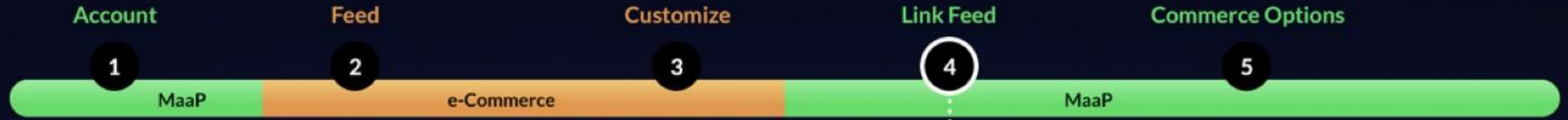
Feed: <https://www.lereavenue.com/media/feeding/telco1Feed.txt> Copy

Cancel Create Feed

Creating an eCommerce RCS Chatbot

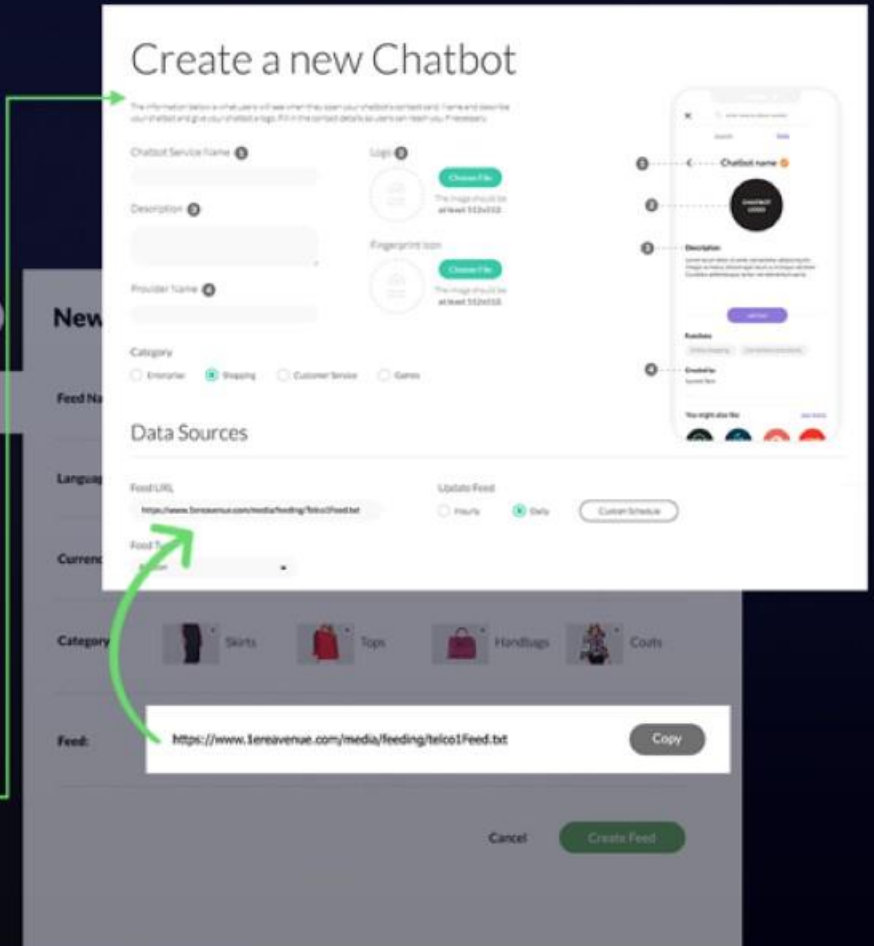
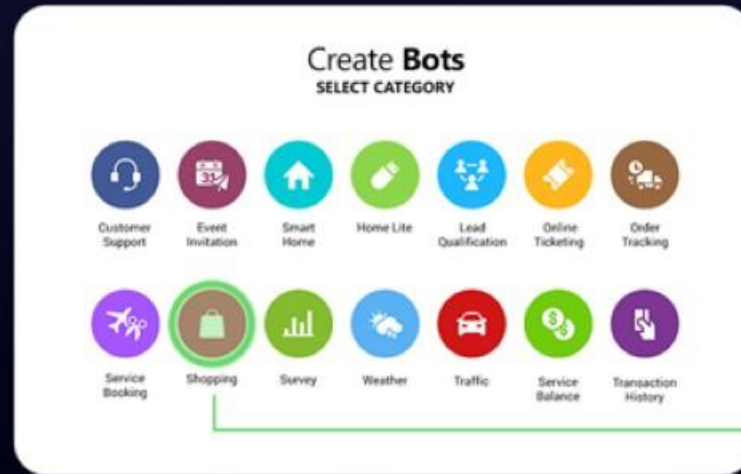


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Step 4: Retailer submits Feed Into Maap

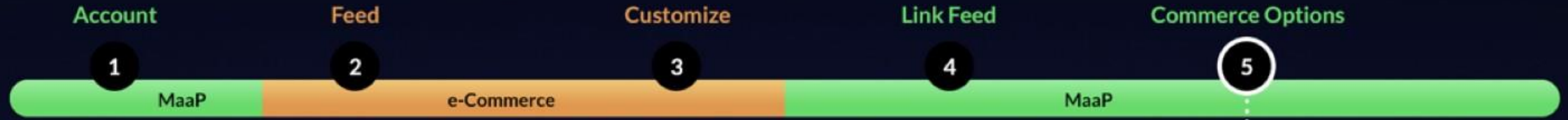
Feed generated for partner (MNO) is entered into shopping bot creator



Creating an eCommerce RCS Chatbot

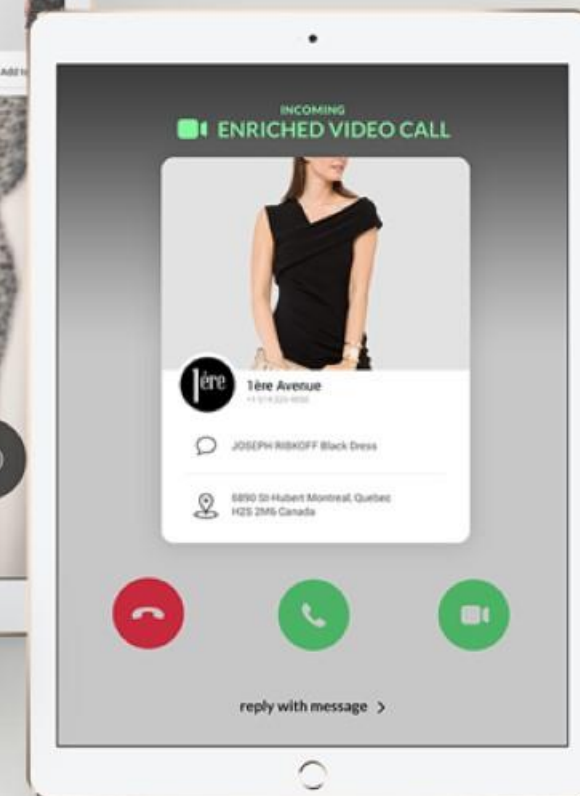
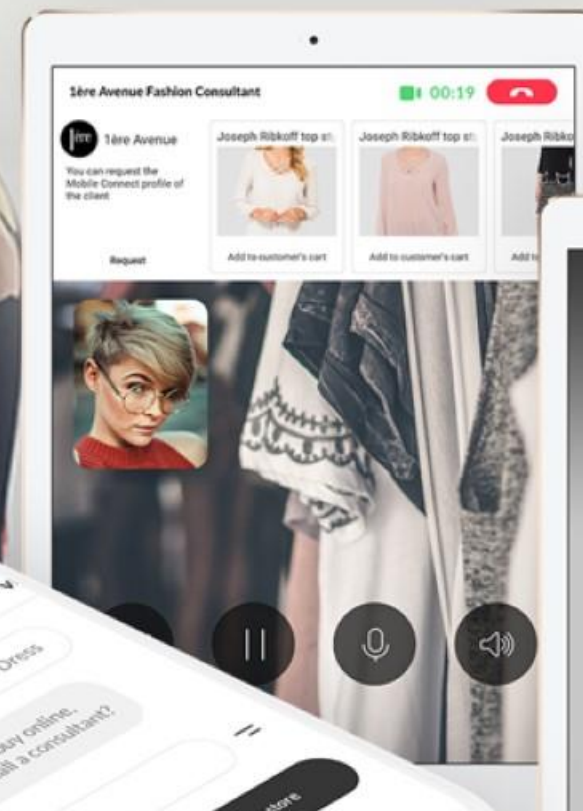
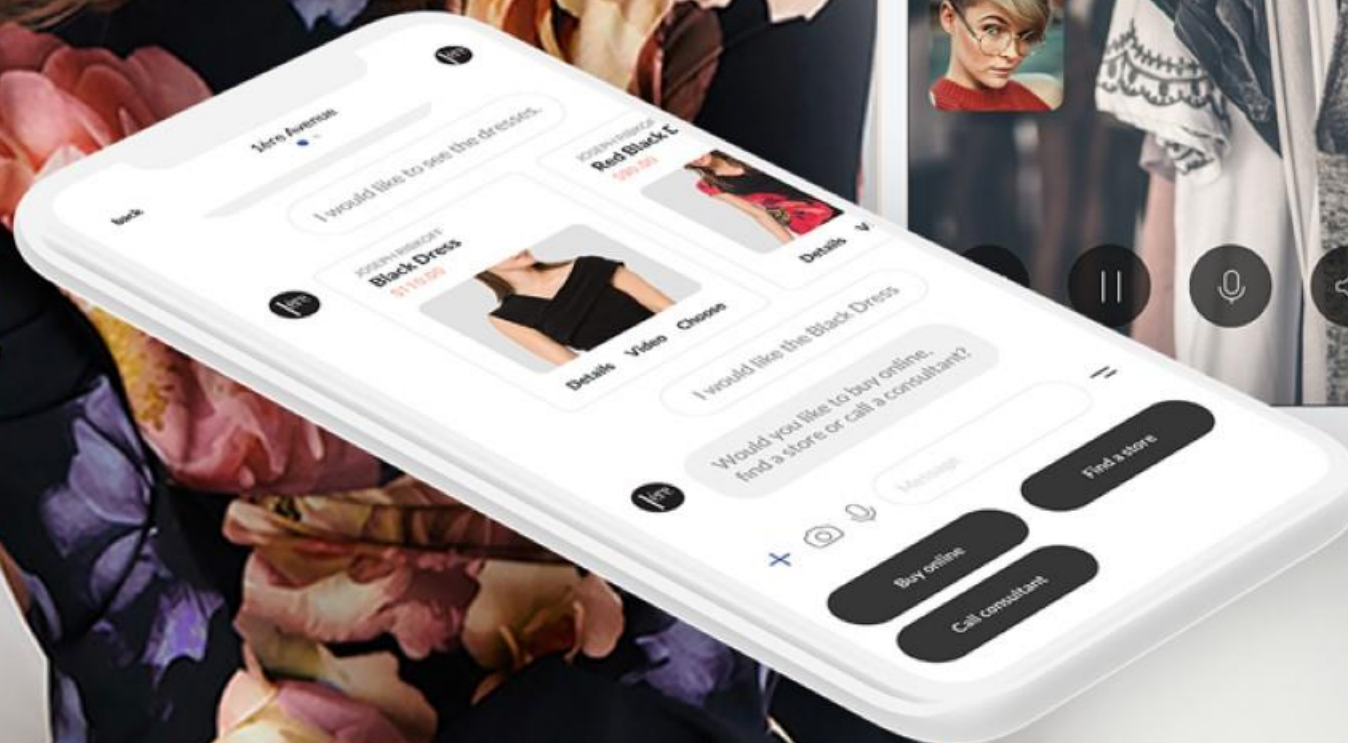


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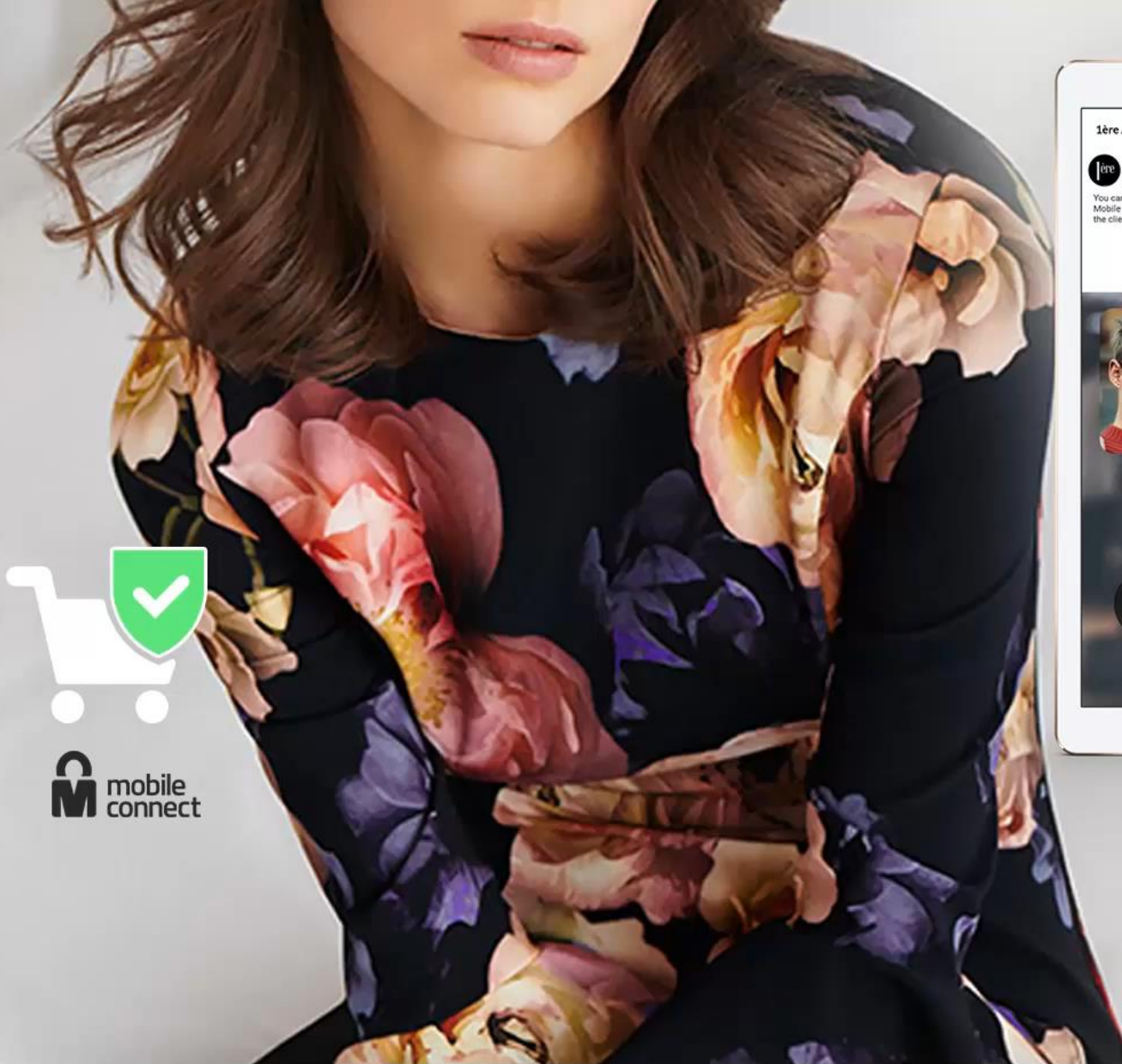


Step 5: Order Completion Workflow

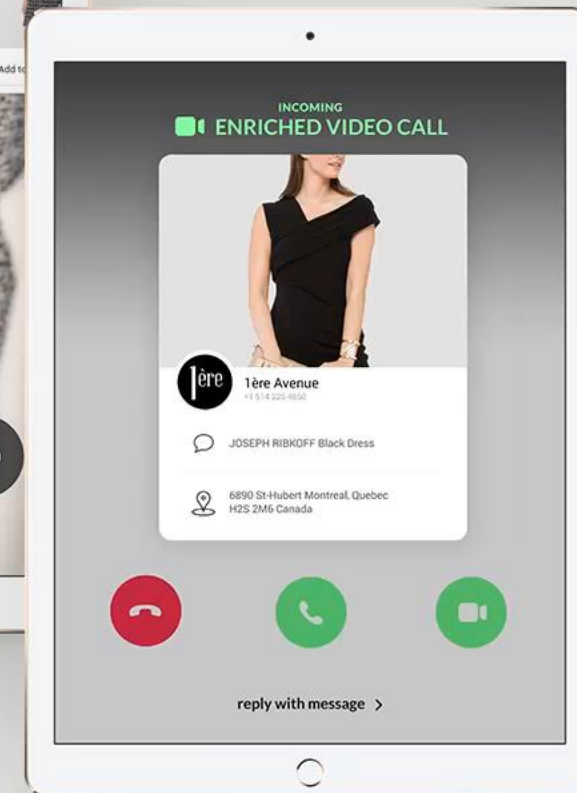
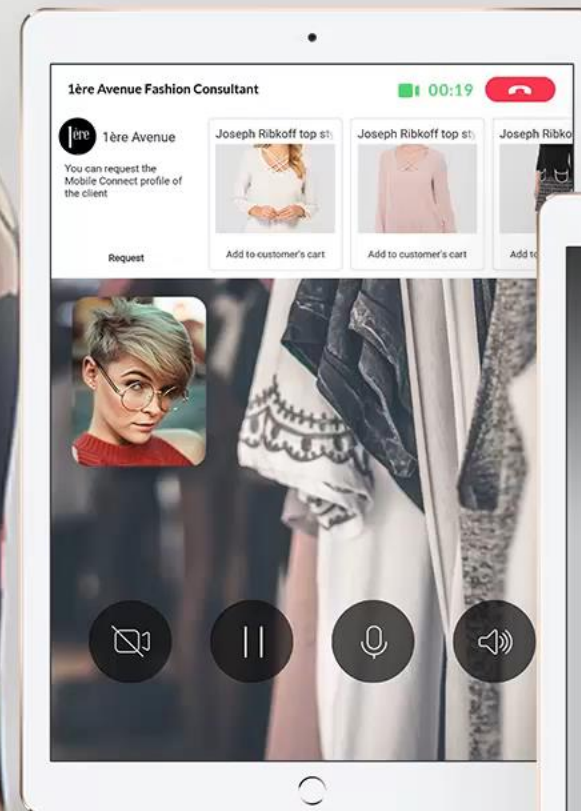
Configure how users will authenticate against the website, and what types of commerce transactions are supported by the chatbot.



Chatbots + Enriched Calling + IR.94 Video Call + Mobile Connect



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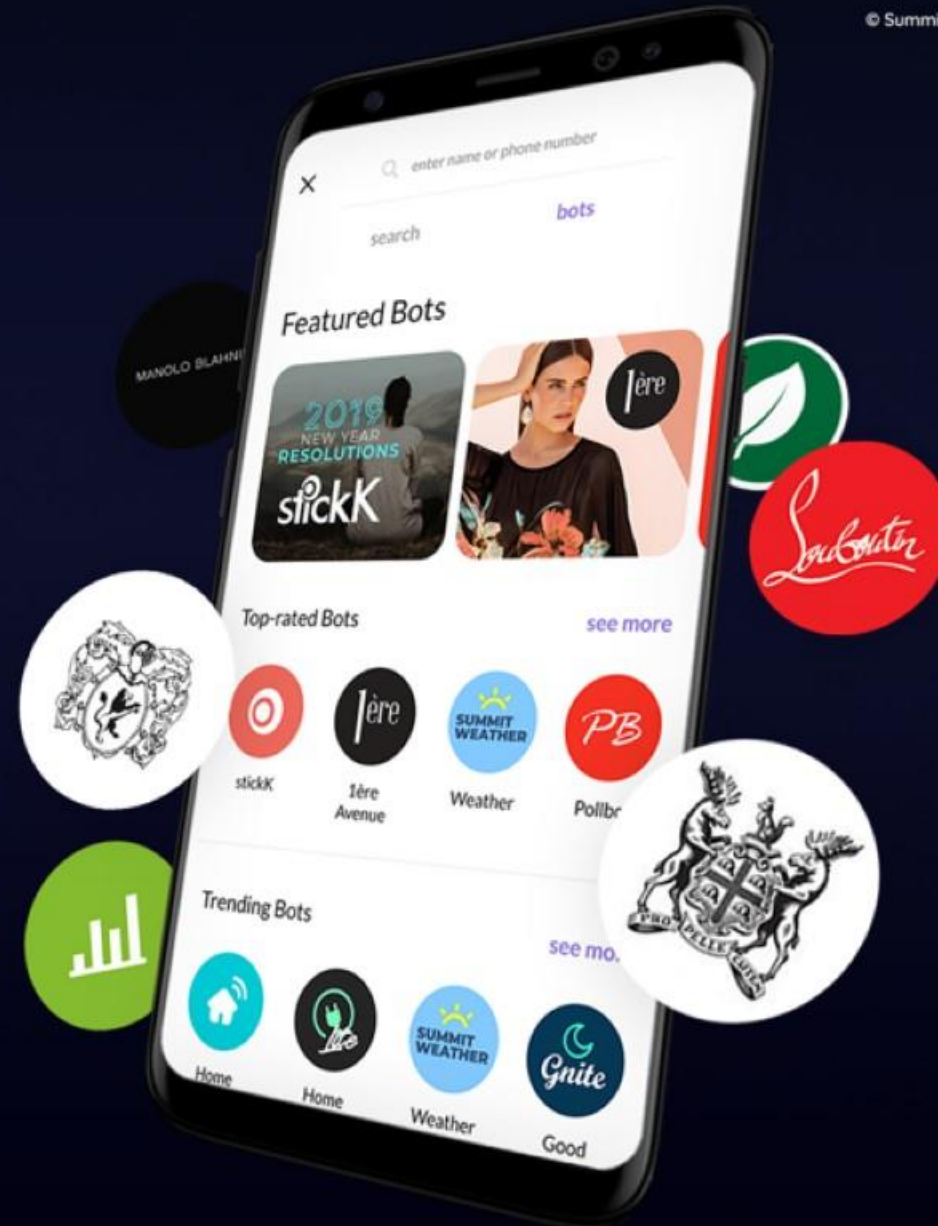
Chatbots + Enriched Calling + IR.94 Video Call + Mobile Connect

Chatbot Directories

Operators may offer customers access to several in-house chatbot platforms in addition to those provided by aggregators and other mobile networks.

This will enable operators to select partners to build chatbots for specific niche markets such as e-commerce or IoT.

The directory will offer users a unified view of all chatbots providing customers with a seamless user experience.



Chatbots for Virtual Reality

vr BOUTIQUE

- Taking advantage of 5G
- Using advanced techniques for image recognition
- Helping users identify their likes and dislikes
- Creating live interactive forums where users can chat with each other – not just the chatbots





MOBILE CONNECT

Authorize SWAG?

YES

NO



DETAILS



DETAILS



DETAILS

Add to Bag

[SUBJECT FOUND]



EMILY
DAY



PROFILE



THE LOOK

5G, Cloud AR/VR,
Mobile Connect
and RCS MaaP

Demonstrated at MWC 2019
In Barcelona



RCS MaaP VR AI

& more
#summitrcs
#rcsbots
#vr calling



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VRcalling.com
RCSmaap.com



RCS MaaP is an A2P channel designed to **enrich conversation, commerce and automation through RCS chatbots** for airlines, banks, restaurants & retailers to healthcare, security & telematics.

IMS-based **Digital Assistants with RCS & Cellular IoT** for innovative LTE-M/NB-IoT & enhanced communication services enabled through voice commands & automation - powered by neural networks.



Extended reality RCS chat, voice & video calling immersed within 360° live video or simulated VR/AR. End-to-end services for live VR Concerts, AR Conference Calls & Telepresence.



In Network Trials
Available