



CALLUP
ONE1 TELECOM DIVISION



CALLUP Wi-Fi Calling

Operators can now launch a seamless RCS compliant client, which integrates into the regular phone experience, and completes it with rich communication services.

CALLUP Wi-Fi calling diverts calls from the circuit switched path to the IP data path (Wi-Fi or 4G/3G) when possible, seamlessly, while still generating CDRs for the operator. The entire process is completely seamless to the user, who uses his regular phone dialer user interface to make the call. The service also provides complementary RCS services during the call, like chat, file transfer, video conferencing and more.

- Enhance user experience, enter the RCS world!
- Offload expensive radio resources to customer's Wi-Fi.
- No need to invest in expensive signal amplifying devices at user's homes if they have Wi-Fi.
- Save on roaming calls (both national or international)

CLIENT/SERVER ARCHITECTURE

The solution is based on a client-server architecture. The client is installed on the user's device, transparent to the user (background service). The server is a gateway to the operator's IMS/softswitch. Alternatively, a complete solution can be provided which includes the server side switch as well.

- Enable peer to peer VoIP calls
- Terminate VoIP Calls from Wi-Fi to Circuit Switched (CS) Network
- Receive Circuit Switched Calls VoIP Calls on Wi-Fi
- Policy server, to allow control of barriers (WiFi, 3G/4G or both), allowed countries etc.

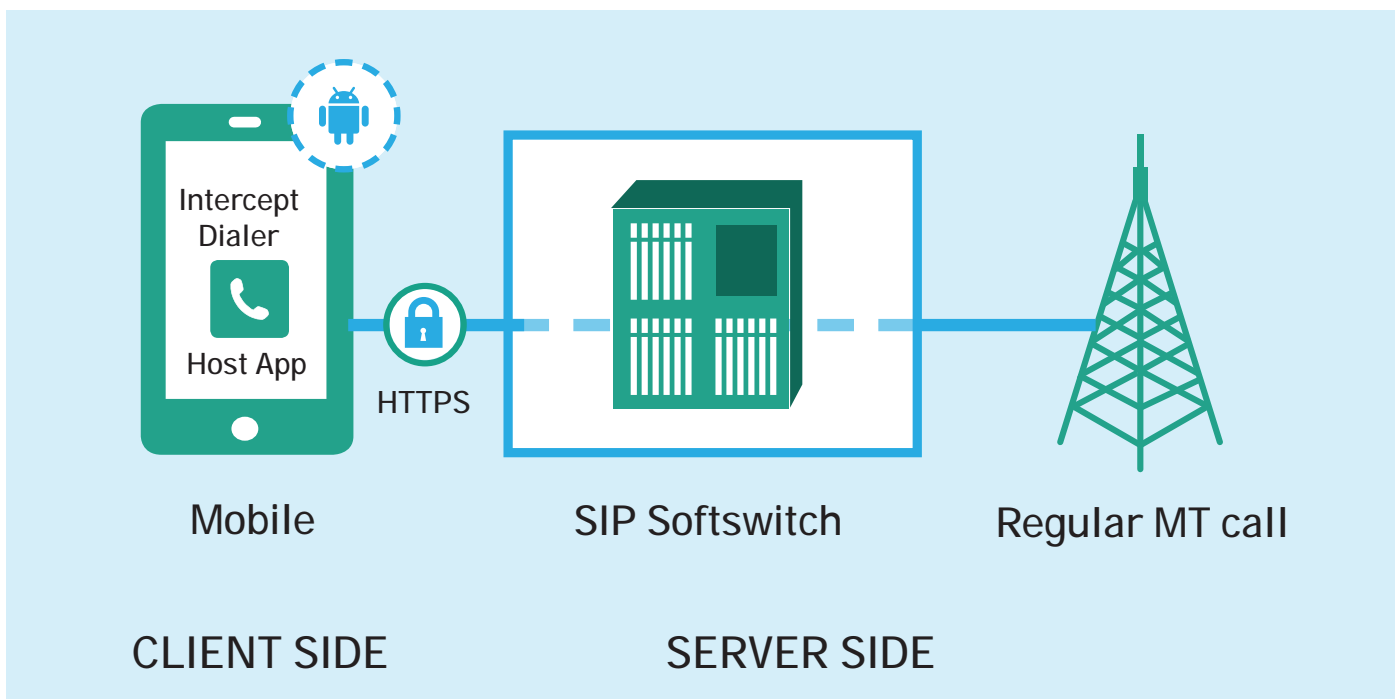
RCS PROVISIONING

When VoLTE is introduced and native RCS handsets become present in the operator network the Roam Home platform is already accredited as an RCS supported service platform.

CALLUP Wi-Fi calling platform is fully RCS 5.3 compatible and accredited by the GSMA allowing a seamless integration between “smart CS in-call services” and RCS on VoLTE with native RCS enabled devices. No additional configuration or licenses are required.

Providing these CS propositions allowing the operator to increase the initial customer scope dramatically and reducing the overall return on investment time for RCS and/or VoWiFi with the introduction of VoLTE on an IMS core.

Note that the IP-Communications platform does not require an IMS core and can be installed prior to the deployment of an IMS core. Once an IMS-core is available and the VoLTE and VoWiFi features are handled there with native VoLTE and VoWiFi devices, Roam Home continues to service your 3G devices, and will seamlessly become your RCS function platform for IP messaging functions for your 4G users.



For more information please visit us in the web at www.callup.net or contact us via e-mail: info@callup.net

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