WiConnect
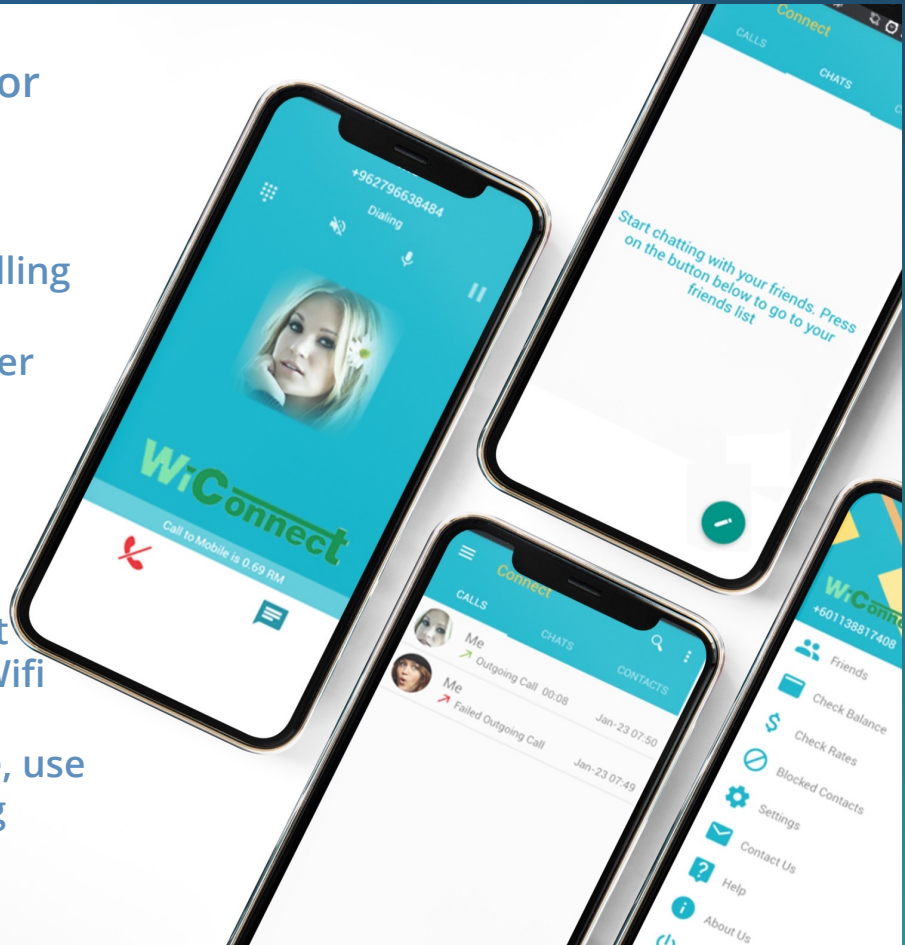
Extend your Calls and SMS over any Wifi network

The 'OTT' killer for Telcos

- **Non-IMS Wifi Calling**

- **Take your number with you**

- **Call, SMS**

- **No handset or network support required – just Wifi**

- **Extend coverage, use without roaming charges**

Low Signals or Traveling and don't' want to pay expensive Roaming?

With WiConnect, your customers can stay connected for calls and SMS beyond your cellular networks reach. WiConnect is a Wifi calling application that runs on Android and IOS smartphones, designed specifically for mobile operators.

It allows mobile network calls to be routed from the Telecom Operator switch to the internet, enabling your customers to stay connected to your network via the Wifi or data connection. Black spots, such as basements, will no longer be the end to a great relationship!

You can even allow your subscribers to use the app while traveling abroad. This way they can both make and receive calls/SMS from their own mobile numbers without using roaming.

WiConnect is an advanced SIP calling solution that enables Telecom operators to utilize the internet for keeping their subscribers connected even where GSM connectivity is either insufficient or not available. The unique proposition offered by the platform is that it allows mobile calls to be received and dialed over the internet, reducing subscriber dissatisfaction and churn caused by black spots.

The service requires subscribers to install an operator-branded Mobile App that connects to the WiConnect SIP platform residing within the operator's network and can be activated by a subscriber when required. The service will be available for all operator subscribers, and it can be extended to other non-operator subscribers by providing them with virtual numbers.

WiConnect integrates with the operator network on multiple interfaces and it integrates with the MSC and the IN/BSS of the operator.

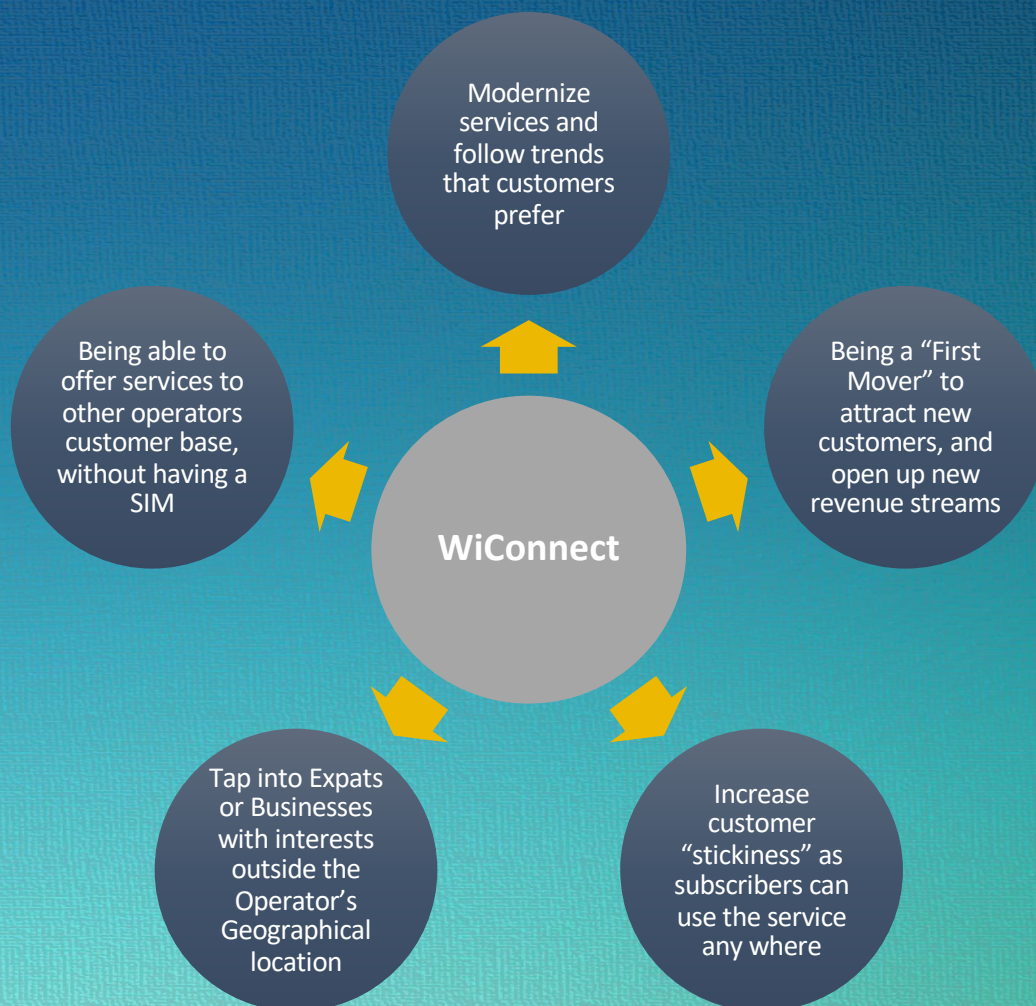Below is a generic network integration plan.
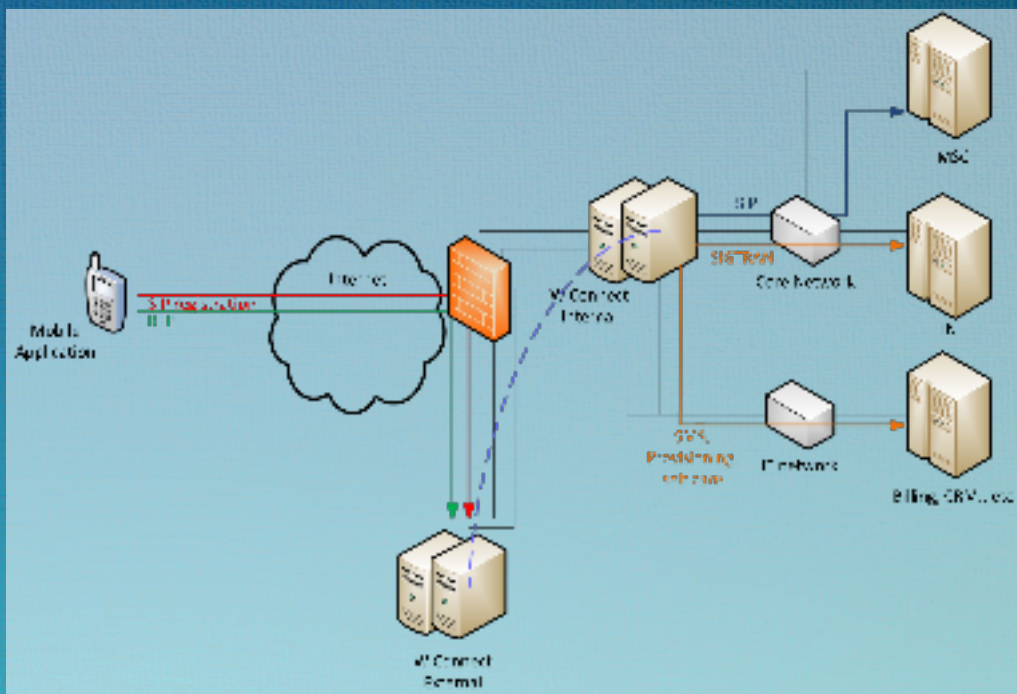
Integrations

- MSC integration: WiConnect integrates with an MSC/MGW of an operator over SIP. This link is used to route any call that is to be terminated at any PLMN.

- IN integration: WiConnect supports integrating with the available online charging system using CAMEL protocol. The CAMEL is preferably carried over SIGTRAN.

- SMS integration: To support app-to-SMS, WiConnect needs to have an interface for submitting customer SMS. The same interface will be used by the system to send the passcode SMS as part of the registration process. This interface is based on MAP protocol.

- Provisioning Interface: This interface is needed to support some extra features, e.g. get available bundles, subscribe/unsubscribe to specific bundle.

- Self-Care: This interface will be triggered to provide the basic self-care functionalities on WiConnect. Different calls can be provide for Check Balance, Recharge with Voucher and other similar features.

Value for Operators

The **WiConect** solution is ready to use with a quick setup time. It allows to provide 'stickiness' that none of the OTT calling apps can provide by integrating with the mobile operators MSC and during the days of work-from-home or work-from-abroad, now is the best time to bring this service to your customers.

Modernize services and follow trends that customers prefer

Being able to offer services to other operators customer base, without having a SIM

Being a "First Mover" to attract new customers, and open up new revenue streams

WiConnect

Tap into Expats or Businesses with interests outside the Operator's Geographical location

Increase customer "stickiness" as subscribers can use the service any where

ABOUT EVAMP & SAANGA

Evamp & Saanga is a leading developer of Web, Mobile, and Telecom related applications and solutions. The company was established in 2001, with a focus towards design and development of innovative solutions for this converging market of Web, Mobile and Telecoms

At Evamp & Saanga, we strive to lead customers into the world of Digital transformation – taking traditional businesses processes and latest digital technologies to enhance customer interaction through automation and user experience design. Our focus has been in developing omni-channel interactive media for web and mobile, with leading design principles of the web and mobile combined with leading edge software technologies.

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