

AARENET CUSTOMISED SIP REGISTRATION PROCESS

SIP registration and customising through single activation key

ONE CODE MULTI CARRIER REGISTRATION PROCESS

Aarenet offers carrier grade Class5 VoIP systems for residential and business use including Virtual PBX functionalities. As integral solution, Aarenet offers smartphone and desktop clients for different platforms (IOS, Android, and others). To be able to offer a simple customer friendly activation and to prevent the case that different customized versions need to be made available, Aarenet has developed their unique Single Code Multi Environment Registration Process.

REQUIREMENTS FROM CARRIERS

Most carriers want to customize their offering on the market with respect to alignment of company corporate identity, activation or deactivation of different supplementary services, including own logo without the need to host and manage all different software version on application stores or on company homepages.

Furthermore, and this is even more important for the acceptance of SIP devices in the market, the activation and registration of IP phone needs to be as simple as connecting a legacy analogue telephone. However, experience and market offering look different. IP phone have the need to register using IP address, user credentials and passwords which need to be highly secure due to the sensitive aspect of the data. Data theft can lead to high costs and even legal issues.

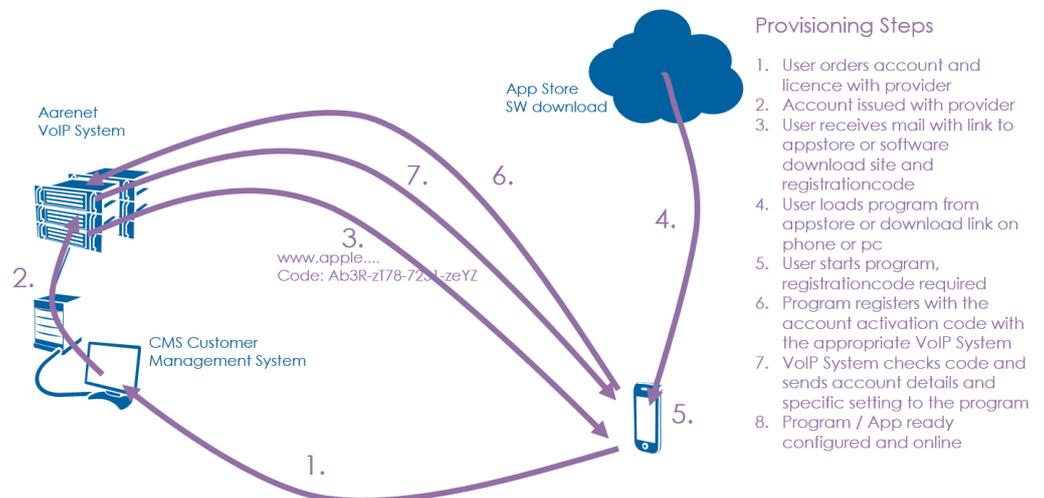
THE SOLUTION FROM AARENET

Aarenet provides carriers a base smartphone or softphone client which can be downloaded from the known app stores. Initiating the VoIP client will start the registration process and the program will require a one-time registration code. This code can be generated in the Administration Centre application of Aarenet and can be sent to the respective end user. The one time registration code includes a coded reference to the IP address of the registration server and a passcode.

The VoIP client will decode the IP address and sends the passcode through a secure line request to the application server. After internal credentials confirmation, the central server sends configuration details back to the client. The information contained in this message include SIP credentials, information about registered supplementary services and details of dialling plans, PBX prefix codes, voice mail message information and other feature information.

With the SIP credentials, the VoIP client as registered client will now download the customized parameters from the specific server (logo, skins, colours, character set to be used, personalized banner and startup screens, etc.).

One time personal registration and activation key



ADVANTAGES

Client customization is done during configuration and not in the VoIP client. Also, Client registration is an easy one code process and will pose no issues to enter. There is no need to send sensitive SIP credentials to end customers this ensures that credentials may not get lost or stolen. Also system specific settings like used codecs will be configured automated. Finally, the off-line customization is highly flexible and can be adapted easily. This will for example also allow carriers to inform customers about new offers, special updates through personalized banners and start up information

Customised logo, skins, colours, banners, personalised ADS

AN IP PHONE



ONE TIME CODE



ONLINE SIP PHONE



CUSTOMISED SKIN

