

AARENET ANDROID MOBILE CLIENT – AN IP-PHONE

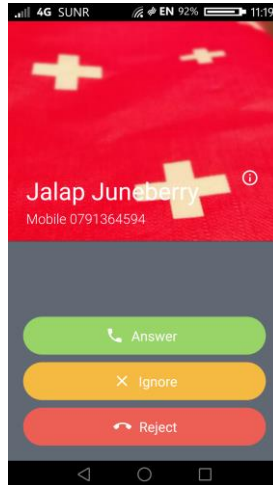
Aarenet “an IP-Phone” is a mobile client to enable system usage in remote locations independent of the location of the telephone system. It provides a phone extension without the need to connect a physical device. It supports Fixed Mobile Convergence and a one- number-concept to improve reachability.

“an IP Phone” offers the use of the corporate telephony services, location and technology compliant. (WiFi, cellular data, GSM).

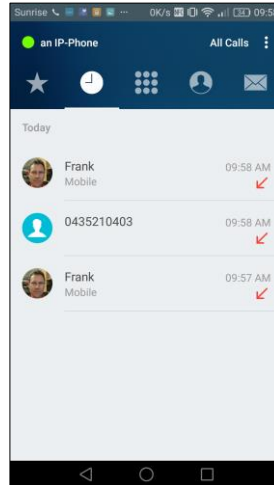
AN IP-PHONE



INCOMING CALL



CALL HISTORY



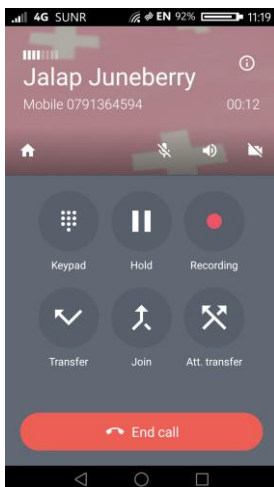
MULTITASKING BACKGROUND ACTIVATION SUPPORT

Activation of the application background usage will ensure that your incoming calls are presented even if you are using another application of your phone. The use of push messages will prevent continuous background activation of the application and thus will prevent battery drainage.

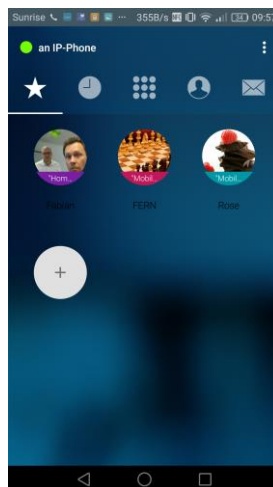
CORPORATE PBX NUMBERING PLAN

The location independent usage of the application is ideal for home office and remote location workers and truly integrates them into the corporate telephony solution. It will improve the reachability for both external customers as well as for internal colleagues as the user is reachable through both the external as well as the internal telephone number.

ACTIVE CALL



QUICKDIAL KEYS



USER REGISTRATION



INTEGRATION IN THE PHONE TELEPHONE BOOK

An active link to the contacts in the existing telephone book of the mobile phone ensures an easy use of your existing contacts. If you are connected to the Virtual PBX solution of Aarenet, through the programming of outgoing dialing rules, it is possible to append the outgoing dialing prefix for external stored numbers. This ensures that you can use the internal numbering plan for your internal company contacts.

INCORPORATED SEAMLESS NETWORK HANDOVER

“an IP-Phone” supports seamless handover from the WiFi local network to the provider GSM network (EDGE, GSM or LTE) in case of missing or failing WiFi coverage. This means complete location independency even during an active call.

Active calls are continued on the public network and are automatically passed back to a known WiFi network if the subsequent access point is detected again.

Active connections can be continued without the need to redial the number or any complicated call back procedure. The handover and the activation of the active network is handled and monitored by the device without the need for any interaction.

WiFi TO GSM BI-DIRECTIONAL SEAMLESS HANDOVER OF AN ACTIVE CALL



In the above illustration, the connection swaps from the WiFi connection to a 4G LTE data connection and after detection of the WiFi network during the same call back.

SUPPORTED MAIN FEATURES (*)

- ▶ Integration in corporate numbering plan for Virtual PBX configuration
- ▶ Multitasking Support / Background (Wake-up) operation
- ▶ Seamless mid-call handover from WiFi to GSM and back
- ▶ Integrated call log (history)
- ▶ Visual indication of missed calls
- ▶ Multiple codecs incorporated to reduce the data consumption when connected to the GSM network (G.711, G.722, GSM-FR, Opus Wideband, Opus Narrowband, iLBC)
- ▶ Voice mail integration and message counter
- ▶ Bluetooth voice path integration
- ▶ Video call integration for on-net users
- ▶ Business features (Call HOLD, Call TRANSFER, 3PTY Conference)
- ▶ Local call recording and rec2mail functionality
- ▶ Dialing rules (outgoing) and address book matching rules
- ▶ Direct access to VoIP system client admin self service
- ▶ Easy customization for service providers to include background and logo
- ▶ Language adaptation according the smartphone settings (ge, fr, it, en)
- ▶ Registration through One Time Activation Code, not displaying SIP credentials to end users. (through in-mail one-click or QR-code)

(*) specific features may depend on the operating system deployed and the software version used. Some operators do not allow VoIP calls over data connections

The Aarenet VoIP System is a Carrier VoIP Switch and provides telephony services that are unique in extent and quality for its price range. Modular design allows optimized adaptation to individual customer needs. It is the key element for telephony services in a modern NGN environment. "an IP-Phone", "an Web-Phone", "an PC-Phone" and "Aareswitch" are protected trademarks.