Overview

BabyPhone Mobile application works as a client for Callisto BabyPhone which uses the cabin phone as a baby monitoring system. Guests can use a mobile device to listen to the room their baby is in, and may receive alarm calls if the cabin phone detects noise in the room.

Usage overview

The baby monitoring setup requires two devices:

- A cabin phone or room phone which is registered as a system phone in Callisto.
- A mobile device running Android with BabyPhone Mobile installed.

The setup is designed to be used with mobile devices that are dedicated for use with BabyPhone: The devices are owned and managed by the ship or hotel and are temporarily handed out to guests when requested.

Before lending a mobile device to the guest, the front desk staff will assign the guest's cabin phone to the mobile device (see chapter Cabin assignment).

When the cabin phone detects a noise, the guest will get an alarm call on the mobile device. The mobile device can also be used to dial into the cabin phone and listen to the room at any time.

Depending on the configuration, guests can activate BabyPhone by calling the service from the cabin phone or directly via the mobile device.

BabyPhone states

BapyPhone Mobile has the following states:

Not assigned

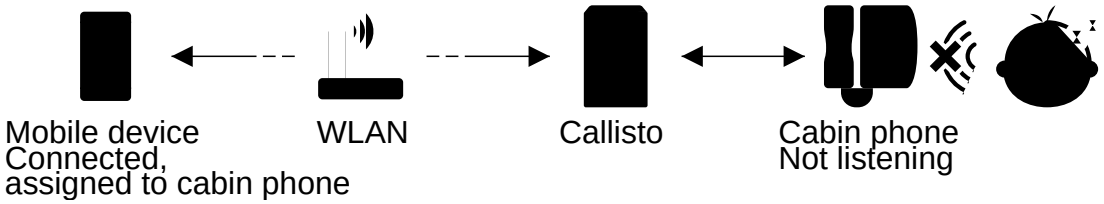
No guest, cabin, or cabin phone is currently assigned to the mobile device. Assignment is conducted by entering a cabin number or scanning a QR code (see chapter Cabin assignment). In this state, monitoring mode can be activated using a cabin phone.

Not connected

The mobile device is either not connected to the network or the SIP parameters are not configured correctly.

Connected

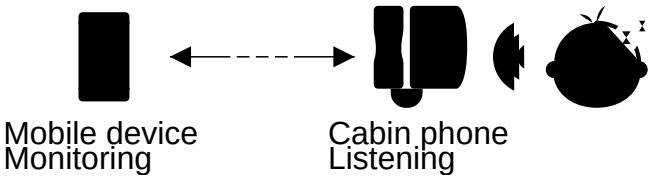
Once the mobile device is assigned and connected to a cabin phone, BabyPhone is ready to enter monitoring mode.



For easier understanding, the connection to WLAN and the Callisto server is omitted in the following graphs.

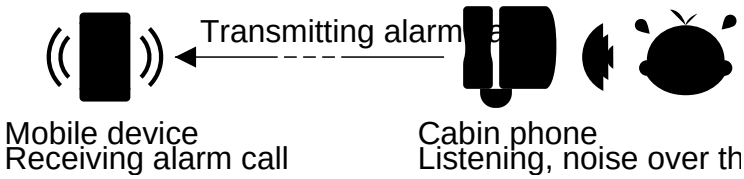
Monitoring mode

The mobile device can actively listen to the room through the cabin phone. It is also ready to receive alert calls.



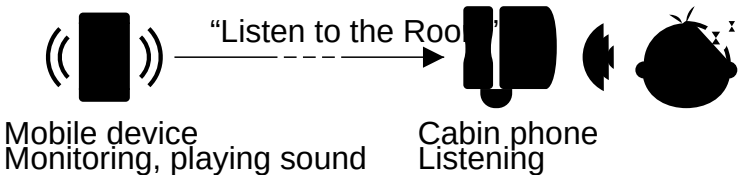
In-call mode

While in monitoring mode, when the noise threshold in the room is exceeded, the cabin phone transmits an alarm call to the mobile device. Accepting the call will enter listening mode.

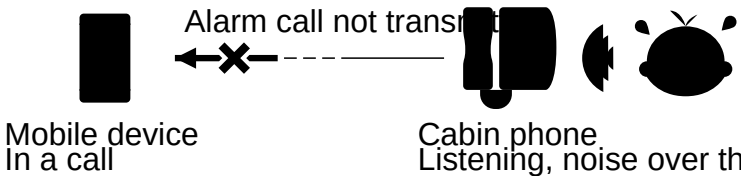


Listening mode

The mobile device is currently playing back the sound which the cabin phone is receiving.



Handling incoming calls

By default, any incoming calls other than alarm calls from the assigned cabin phone get blocked by BabyPhone Mobile. Setting the corresponding parameter can allow incoming external calls.

While the mobile device is in a call, no alarm calls can be received by the BabyPhone service.