**BabyCaare™ - child presence detection system**

Caaresys is an Israeli Startup company has developed BabyCaare™ - non-contact child presence detection that saves children lives and prevent “Hot car” tragedies. The system uses RF sensing technology (camera free) and makes vehicle cabin safer.

BabyCaare™ - the system is able to detect any humans, such as a child, toddlers etc. and/or pets in the cabin space and prevent tragic “Child left behind” (Hot car) cases.

The system uses radar sensing (RF) technology to scan the cabin and detect any living being anywhere in the vehicle space: rear row, footwell and trunk. The way we detect and distinguish between the humans and objects is by vital signs such as a heart rate and respiration rate.

**BabyCaare™ operation process:**

![operation process diagram]

The process of monitoring, detection and alert action occurs in a matter of seconds

BabyCaare™ is able to monitor in any parked vehicle situation. That mean, in the case of a parent, forgot the child or child got in the car by himself (in the garage) and couldn't get out.

**Benefits of BabyCaare™ system:**

1. Reliability – we tested our solution with several OEM's and Tier (part manufactures) and the results is that system accuracy is more than 99.9%. That mean BabyCaare™ provides an optimal and most reliable solution for preventing children being forgotten in the car and tragedies

2. The cost - since we are using off the shelf components that are available in mass production that brings the system to level of tenths of dollars

3. Coverage – covering all car cabin space includes footwell and trunk

**BabyCaare™ system options:**

1. BabyCaare™ - integrated system in any new car

![system dimensions]

2. BabyCaare™ - aftermarket system to be installed in the used car

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