

## Business Request

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# UK SME specialising in the use of varying technologies for alarm detection are looking for a manufacturing agreement or Joint Venture

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## Summary

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*A UK based company specialising in the technology of a small device that sits inside a domestic pillow, which uses varying alarm technologies to wake a person from sleep, is seeking to partner with manufacturers through a manufacturing agreement or a joint venture to help build, test and distribute these devices.*

<b>Creation Date</b>	12 June 2017
<b>Last Update</b>	22 June 2017
<b>Expiration Date</b>	22 June 2018
<b>Reference</b>	BRUK20170609002

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## Details

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### Description

This UK SME that has a strong creative and innovative business has developed a device no larger than a small smart phone.

This device sits inside a domestic pillow and uses differing methods to a traditional alarm system in order to wake people from sleep. It is also capable of reminding individuals of business/personal appointments, give travel updates and also has the ability to detect smoke, similar to smoke alarms.

The device will operate via Bluetooth. It has a speaker for sound but also uses vibration and has capabilities for smoke alarm detection. Having Bluetooth will enable the owner to program their calendar, plan and structure their working week, plan their social calendar much the same way as a mobile phone. It would also be useful in dwellings to help detect smoke much more quickly, so useful for domestic housing as well as care homes, hospitals and nurseries, individuals with health issues or impairments.

The company is seeking partnerships with manufacturers that will help in building, testing and distributing the devices. It may also be interested in a joint venture with a company that already has the capabilities and knowledge in house. This could be an Internet of Things (IoT) company that would be able to help develop the patent, advise on any adaptations needed in the development stage or during the testing stage. Or a bedding linen manufacturer who has an in house research and development team looking at new technologies.

### Advantages and Innovations

The device operates via Bluetooth.

It is small enough to fit inside a domestic pillow and not cause discomfort or be able to be felt by

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the user.

It can also be used in many end user scenarios - office/personal administration, smoke alarm detection.

## Technical Specification or Expertise Sought

The partnership should ideally be a company that has experience in manufacturing similar devices and has the capabilities in house to either partner under a manufacturing agreement or joint venture

## Stage of Development

Concept stage

## IPR Status

Patent(s) applied for but not yet granted

## Profile Origin

COSME

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## Keywords

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### Technology

01003014	Internet Technologies/Communication (Wireless, Bluetooth)
01006003	Mobile Communications
10001003	Fire Safety Technology
11009	Creative products

### Market

01006002	Mobile communications, pagers and cellular radio
01006005	Other communications (not elsewhere classified)
05010001	Safety for the elderly

### NACE

J.61.2.0	Wireless telecommunications activities
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**Open for EOI :**    **Yes**

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## Client

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## Type and Size of Organisation Behind the Profile

Ref: BRUK20170609002

Industry SME <= 10

**Year Established**

2014

**Turnover**

<1M

**Already Engaged in Trans-National Cooperation**

Yes

**Languages Spoken**

English

**Client Country**

United Kingdom

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## Partner Sought

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**Type and Role of Partner Sought**

This SME is looking for partners who are active in the field of creating new products through new technologies for this particular sector. They should be in a position to be able to help develop the patent, build a prototype, test it, advise on adaptations and manufacture the product via a manufacturing agreement or assist the development through a joint venture.

The partner could ideally be an IOT specialist or a linen /bedding manufacturer looking for new and novel technologies.

**Type and Size of Partner Sought**

SME 11-50,SME <10,251-500,SME 51-250

**Type of Partnership Considered**

Manufacturing agreement  
Joint venture agreement

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## Attachments

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