

S-AIRBAG



人体防护专家

HUMAN PROTECTION EXPERT

www.s-airbag.com



S-AIRBAG
信安智囊

广州市信安智囊科技有限公司

Guangzhou S-Airbag Technology Co., Ltd.

致力于成为世界知名人体防护用品品牌
Committed to become a world famous
brand of human protective products

公司介绍

Company introduction

信安智囊是一家由汽车、电子、物联网等各领域精英联合创立的科技企业，于2015年12月立项，注册资本3千万元人民币。公司掌握多项人体防护核心技术，主营智能人体防护产品，为运动及老年人群用户提供伤害预防解决方案。企业致力于成为中国乃至世界知名的人体防护用品品牌。

首款智能防护气囊腰带产品，及全球首创的智能防护服，获得多项国家发明专利，以及多个权威部门认证，产品被誉为保护老人人身安全的防摔神器。

S-AIRBAG is a high-tech enterprise founded by elites from automotive, electronics and IOT industry. With years of experience in AUTO airbag industry and the simple belief that most hip fractures could be prevented, we started this program in 2015 and registered our brand S-AIRBAG in 2018.

Owning the core technology of proactive protection for human body, S-AIRBAG is engaged in providing intelligent proactive body protection solutions to seniors and high-risk applications such as motorcyclists, skiers and pilots etc. Through rigorous product development, S-AIRBAG has gained more than 10 independent patents and become leading developer and the first manufacturer of wearable airbag system in China. S-AIRBAG aims to be an expert in intelligent human protection field, and committed to become a well-known brand of human protection products all over the world.

资质与荣誉

Certificates & Awards

信安智囊已获得各项技术发明专利、实用形专利，通过了CQC、CE、FCC的登记认证。也获得了各界越来越多的肯定。

S-AIRBAG think tank has obtained various technical invention patents and practical patents, and has passed the registration certification of CQC, CE, and FCC. Also received more and more recognition from all walks of life.



摔倒防护腰带
FALL PROTECTION BELT



气囊防护腰带
AIRBAG PROTECTIVE BELT



智能防护服
SMART PROTECTIVE CLOTHING



智能腰带开关扣
SMART BELT SWITCH BUCKLE



一种卡扣
A KIND OF BUCKLE



呼吸功能穿戴防护装置
RESPIRATORY FUNCTION WEAR PROTECTIVE DEVICE



防护安全带
PROTECTIVE SAFETY BELT



躯干防护气囊及防护服
TORSO PROTECTIVE AIRBAG AND PROTECTIVE CLOTHING



智能防护腰带
SMART PROTECTIVE BELT



智能腰带
SMART BELT



软件著作证书
SOFTWARE WORK CERTIFICATE



CE认证证书
CE CERTIFICATE



FCC认证证书
PRODFCT CERTIFICATE



智能防护腰带
SMART PROTECTIVE BELT



安全防护气囊及防护服
SAFETY PROTECTIVE AIR BAG AND PROTECTIVE CLOTHING



安全帽
HELMET



智能气囊防护腰带
SMART AIRBAG PROTECTIVE BELT



产品认证证书
PRODUCT CERTIFICATION



CQC认证证书
CQC CERTIFICATION



气囊服检测报告
AIRBAG SUIT TEST REPORT

老龄化社会进程

Ageing society

根据WHO的最新人口统计，年龄在60岁及以上的人数将增加34%，从2019年的10亿增加到14亿。到2050年，全球老年人口将增加一倍以上，达到21亿。2020年，60岁或以上的人口将有史以来首次超过5岁以下的儿童。到2050年，60岁以上的人口将是5岁以下儿童的两倍多。到2050年，60岁或以上的人口将超过青少年和15-24岁的年轻人。老年人在人口中的比例将增加，从2017年的八分之一增长到2030年的六分之一，并在2050年达到五分之一。

According to the latest WHO population statistics, the number of people aged 60 and over will increase by 34%, from 1 billion in 2019 to 1.4 billion. By 2050, the global elderly population will more than double to 2.1 billion. In 2020, the population of 60 years of age or older will exceed children under 5 years of age for the first time in history. By 2050, the population over 60 will be more than twice that of children under 5. By 2050, there will be more people aged 60 or over than teenagers and young people aged 15-24. The proportion of the elderly in the population will increase, from one-eighth in 2017 to one-sixth in 2030, and reach one-fifth in 2050.

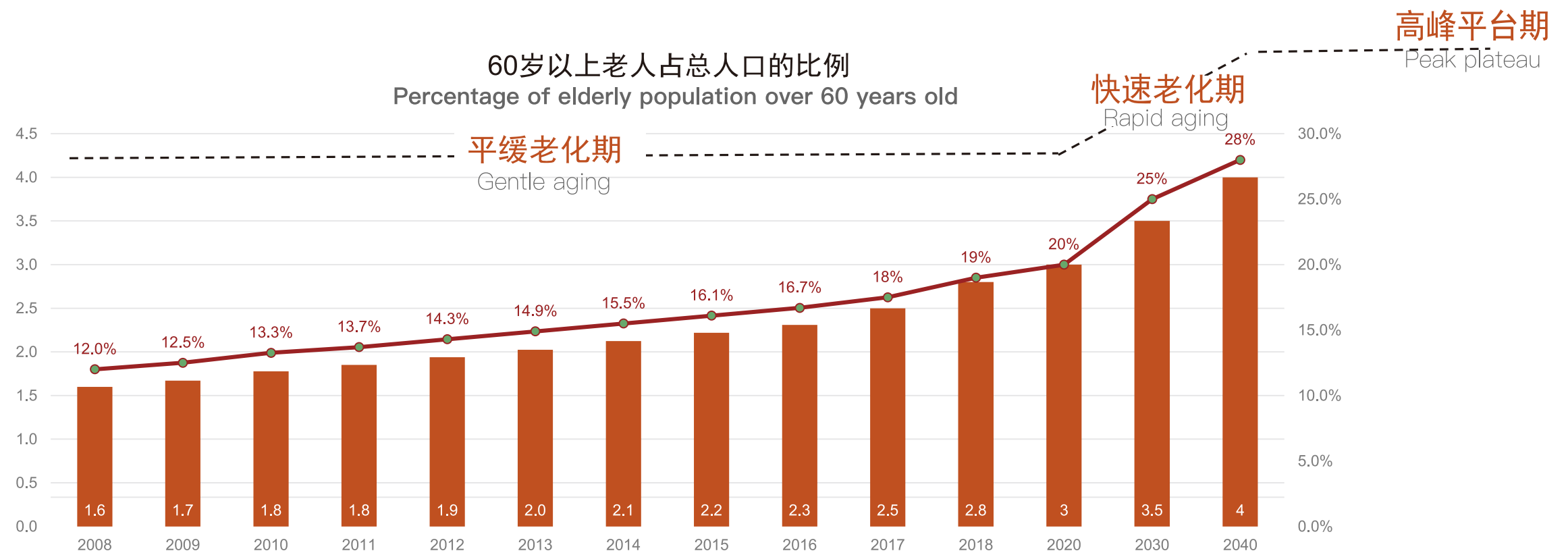
老年人髋部骨折

Hip fracture in the elderly

据世界卫生组织调查数据显示，全球每年约有30余万人会死于跌倒，一半以上是60岁以上的老年人。在我国跌倒受伤（导致头部、髋部骨折等）已超越心脑血管疾病和肿瘤，成为65岁以上老年人的头号杀手。老年髋部骨折发生的原因是随着年龄的增长，许多特定的与年龄相关的风险因素随之增加，导致因摔倒发生骨折的风险也不断提高。这些因素包括视力障碍，神经系统疾病，各种药物的作用，肌无力，异常步态和平衡能力差等。随着人口老龄化的加剧，被称为老人最后一次骨折的髋部骨折的发病率逐渐上升。据统计，当前老人髋部骨折的平均愈后情况为25%完全康复，40%需家庭护理，50%需拄杖或助行器，24%大于50岁的患者在一年内死亡，非手术治疗的老年髋部骨折的5年生存率仅30%左右，术后一年的平均死亡率为12%-37%，随着人口老龄化的加剧，老人髋部骨折成为中国甚至全球面临的重大社会问题。

According to survey data from the World Health Organization, more than 300,000 people worldwide die from falls every year, and more than half are older than 60 years. Fall injuries (causing head, hip fractures, etc.) in China have surpassed cardiovascular and cerebrovascular diseases and tumors and become the No.1 killer of elderly people over 65 years old. Hip fractures occur in the elderly is that with age, many specific age-related risk factors increase, leading to an increased risk of fractures due to falls. These factors include vision disorders, neurological disorders, the effects of various drugs, muscle weakness, abnormal gait and poor balance. As the population ages, the incidence of hip fractures, known as the last fracture of the elderly, has gradually increased. According to statistics, the current average recovery of hip fractures in the elderly is 25% complete recovery, 40% need home care, 50% need sticks or walkers, 24% of patients over 50 years of age die within one year, non-surgical treatment The 5-year survival rate of elderly hip fractures is only about 30%, and the average mortality rate after one year is 12% -37%. With the aging of the population, elderly hip fractures have become a major society facing China and the world problem.

60岁以上老人占总人口的比例
Percentage of elderly population over 60 years old



数据来自“十三五”
全国老龄化发展与养老体系
建设规划通知

Data from the "Thirteenth Five-Year Plan"
National Aging Development and Pension
System Construction Planning Notice

预防跌倒的重要性

The importance of preventing falls

意外防不胜防

Accident hard to defend



你所不知的数据

年长者平衡感不佳，危机时反应比较慢，十分容易跌倒，对中老年人来说跌倒却很有可能成为致命伤。平均每10万名老人，就有2万461因跌倒死亡，而且最常跌倒的地点有60%在家里，第一名是居家家具旁占23.7%，其次是浴室及淋雨间、厕所占12.3%。

Data you don't know

The elderly have a poor sense of balance and are slow to react to crises. They are prone to falls. For the middle-aged and elderly, a fall can be fatal. On average, for every 100,000 elderly people, there were 2461 deaths due to falls, and 60 percent of the most frequent falls occurred at home, followed by 23.7 percent near household furniture, followed by bathrooms, rain rooms and toilets, which accounted for 12.3 percent.

防护气囊产品步入大众眼球

Protective airbag products have entered the public eye

各大传媒报道

Major media reports



中央卫视10科教频道报道

CCTV's 10 sets of science and education channel reports



广东卫视一新闻报道

1 set of news reports on Guangdong Satellite TV



粤视角新闻报道

Cantonese Perspective News Report



新闻综合新闻报道

News Comprehensive News Report

智能气囊防摔腰带

Intelligent airbag belt

智能气囊防护腰带是一款全新的物联网智能穿戴设备，填补了国内外空白。产品为老年人群日常行动提供安全保障，极大地减少因摔倒造成的髌部骨折伤害事故。

Under normal circumstance, the human body needs about 300 milliseconds(0.3 seconds) from standing to falling. The airbag belt, when is worn correctly, will start to detect the body posture with high-frequency dynamic. Once the human body loss balance to fall to the side or behind, the airbag belt can respond within 0.1 seconds, and then 0.08 seconds to deploy the airbag to wrap around the waist and hip. Thus to reduce the fall impact to achieve a soft landing.



跌倒时气囊自动打开有效保护髌部

When a fall is detective, the belt will automatically deploy the airbag to effectively protect the hip.

在通常情况下，人体在站立姿态下从失去平衡到跌倒约为 300 毫秒(0.3 秒)，产品正确佩戴即开始对体姿高频动态检测，一旦人体失去平衡向侧方或后方摔到，能在 0.1 秒内作出反应，再用 0.08 秒打开气囊包裹住腰臀腿部，在触地时实现软着陆。

Under normal circumstances, the human body from standing to falling is about 300 milliseconds (0.3 seconds), the product is correctly worn to start the body posture high-frequency dynamic detection, once the human body lost balance to fall to the side or behind, can respond within 0.1 seconds, and then 0.08 seconds to open the air bag wrapped around the waist and hip legs, in the touch of the ground to achieve a soft landing.

穿戴展示

Screen reminding function

产品采用高级服装设计师匠心独运的设计，别具一格的私人可定制个性化设计风格，完美结合了您的独特个性，彻底展现出触发保护对人体完美结合的不同凡响。

The product adopts the senior clothing designer's ingenious design, unique personal customizable design style, perfect combination of your unique personality, completely show the trigger protection of the human body perfect combination of the extraordinary.



智能气囊防护衣服S20

Intelligent airbag protective vest



跌倒时气囊自动打开有效保护脸、头、腰、背、跨重要部位。

When a fall occurs, the airbag automatically opens to effectively protect the face, head, waist, back, and straddling important parts.

产品为老年人群日常行动提供安全保障，极大地减少因摔倒造成的胸部、脸部、腰部、臀部、头部、背部、肩部、腿部伤害事故。

The product provides safety guarantee for the daily activities of the elderly, and greatly reduces the chest, face, waist, buttocks, head, back, shoulder, and leg injuries caused by falls.

穿戴展示

Product function

产品采用高级服装设计师的设计，简单百搭的设计风格，彻底展现出触发保护对人体完美结合的不同凡响。

The product adopts the design of senior clothing designer, and the simple and versatile design style thoroughly demonstrates the extraordinary combination of trigger protection to the human body.



智能气囊防护衣服S30

Intelligent airbag protective vest



跌倒时气囊自动打开有效保护头、腰、背、跨重要部位。

When a fall, the airbag automatically opens to effectively protect the head, waist, back, and straddle important parts.

产品为老年人群日常行动提供安全保障，极大地减少因摔倒造成的腰部、臀部、头部、背部、跨部伤害事故；大大提升了轻便效果为老年人提供夏天穿着不闷热。

The product provides safety guarantee for the daily activities of the elderly, and greatly reduces the waist, hip, head, back, and cross-part injury accidents caused by falls; greatly improves the lightness effect and provides the elderly with no stuffiness in summer.

穿戴展示

Product function

产品采用高级服装设计师匠心独运的设计，别具一格的个性化设计风格，完美结合了您的独特个性，彻底展现出触发保护对人体完美结合加上轻便清凉的外环更让您体验穿着舒适。

The product adopts the ingenious design of the senior clothing designer, the unique personalized design style, which perfectly combines your unique personality, thoroughly shows the perfect combination of trigger protection to the human body, and the light and cool outer ring makes you feel comfortable wearing.



智能气囊防护衣服S30

Intelligent airbag protective vest



跌倒时气囊自动打开有效保护头、腰、背、跨部位。

When a fall, the airbag automatically opens to effectively protect the head, waist, back and cross parts.

产品为老年人群日常行动提供安全保障，极大地减少因摔倒造成的腰部、臀部、头部、背部、跨部伤害事故。

The product provides safety guarantee for the daily activities of the elderly, and greatly reduces the waist, hip, head, back, and cross-part injury accidents caused by falls.

穿戴展示

Product function

产品采用高级服装设计师匠心独运的设计，别具一格的私人可定制个性化设计风格，完美结合了您的独特个性，多种颜色的选择，彻底展现出触发保护对人体完美结合。

The product adopts the ingenious design of the senior clothing designer, and the unique personal and customizable personalized design style, which perfectly combines your unique personality. The choice of multiple colors thoroughly demonstrates the perfect combination of trigger protection and the human body.



物联网

Internet of Things

01 运动体姿检测

Motion detection

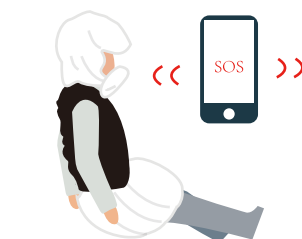


02 失去平衡触发保护气囊打开

Loss of balance triggers the release of the protective airbag

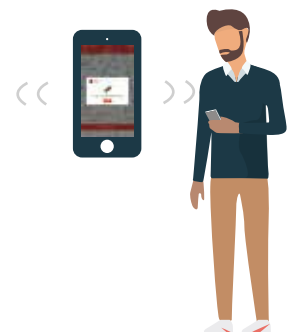
03 跌倒保护并发送SOS警报信息

Protect a fall and send out SOS alert



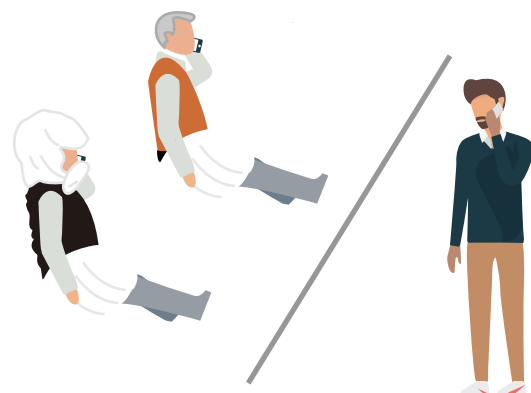
04 关联用户接收报警信息并可以查看定位信息

The associated user receives the alarm message And you can view the location information



05 及时采取救援措施保障家人安全

Take timely rescue measures keep your family safe

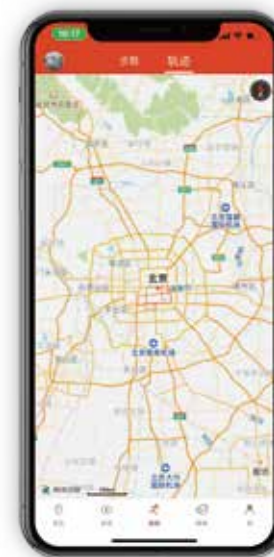


APP功能

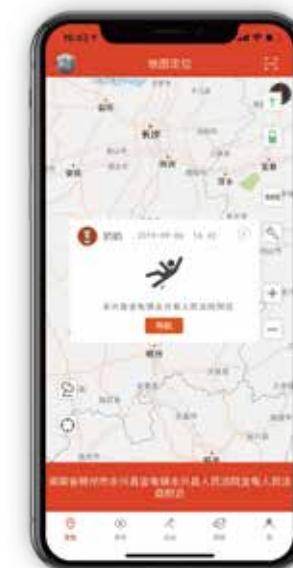
APP functions

除了气囊腰带提供基本的防护外，APP同步运行：每台设备可绑定多个手机终端，每个APP可绑定多台设备；设备触发保护，APP发出警报；显示设备定位信息；记录设备7天的步数信息及运动轨迹；设备故障提示；设备低电量提示等功能。

In addition to the basic protection provided by the airbag belt, the APP runs synchronously: each device can be bound to multiple mobile phone terminals, and each APP can be bound to multiple devices;The device triggers protection and the APP sends out an alert;Display device positioning information;Record the number of steps and movement track of the equipment for 7 days;Equipment failure indication;Device low power prompt and other functions.



运动轨迹
Movement Trail



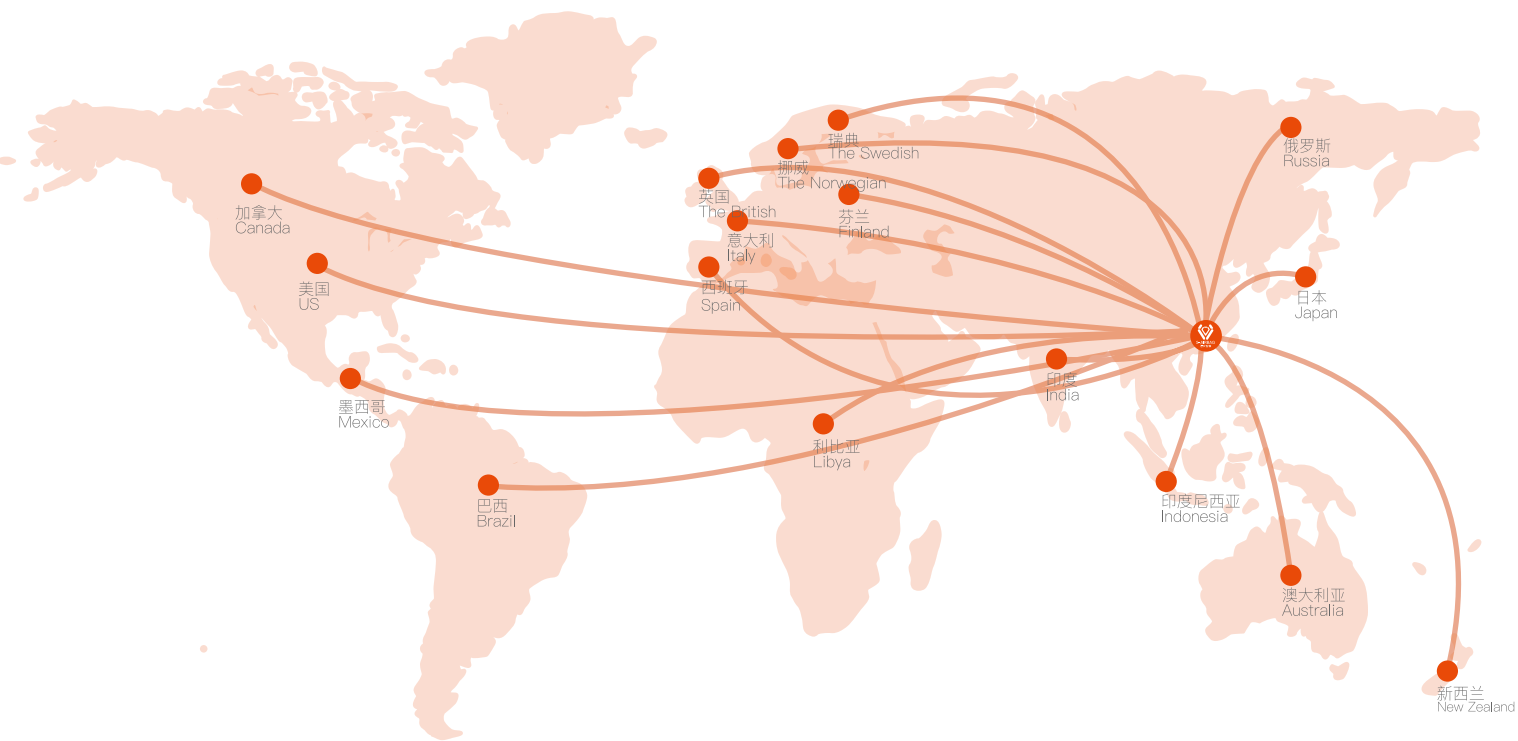
APP发出警报
App alerts



步数信息
Step gauge

业务范围

Overseas business scope



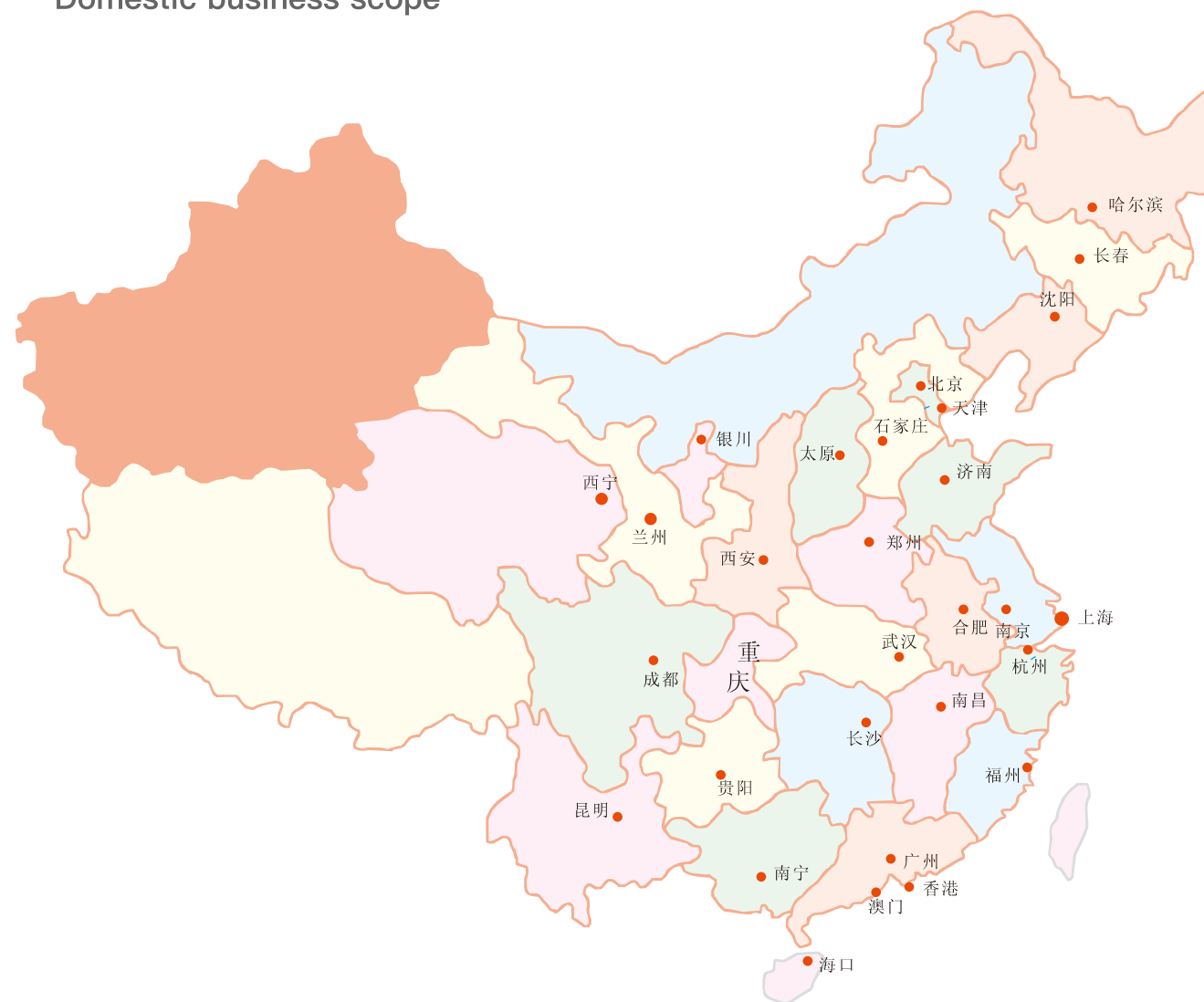
信安智能销售网点
S-AIRBAG Sales Network

目前，信安智囊已经在全球销往多个国家，并承诺长期合作。

Currently, S-AIRBAG has been sold to 13 countries around the world and has committed to long-term cooperation.

国内业务范围

Domestic business scope



目前，信安智囊已经在国内大部分城市建立销售网点，并不断遍布全球。

At present, S-AIRBAG has set up sales outlets in 29 cities in China and has been spreading all over the world.

联系我们

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