

ASIAN SPOTLIGHT

THE LATEST NEWS AND PRODUCTS FROM ASIA



BRIVE CITY USES SUPERSURV TO UPDATE TOPOGRAPHIC MAPS

With the effort of **Géo.RM**, **Supergeo's** reseller in France, the city government of **Ville de Brive** has selected **SuperSurv** to assist its surveyors to build and correct the information of topographic maps. Located in southwestern France, Brive-la-Gaillarde, also called Ville de Brive, is the biggest city in the Corrèze Department with around 100,000 citizens living in its urban area. Surrounded by hills and the river Corrèze, the terrain around Brive is complex and should be well mapped for a more thorough urban development.

Integrating both advanced GIS and GPS functions, SuperSurv is the award-winning mobile GIS software developed by Supergeo for years. When updating and creating features on topographic maps, SuperSurv is especially useful because it supports high-accuracy GPS positioning, OpenStreetMap, and OGC standards. In SuperSurv 10, users can activate NTRIP service and collect spatial data down to sub-meter level, avoiding editing data incorrectly.
www.supergeotek.com

NAVITIME JAPAN LAUNCHES "DRIVE HOKKAIDO!" APP

NAVITIME JAPAN Co. Ltd. launched the "**Drive Hokkaido!**" App, which supports travel by car rental in Hokkaido by providing convenient tools for driving; introducing panoramic routes and tourist spots; and providing discount coupons. The app is available in English for iOS® Android OS® devices. This app is launched in relation with the "Hokkaido Driving Project" organized by the Ministry of Land, Infrastructure, Transport and Tourism of JAPAN. It is a pilot program to promote enjoyable driving in Hokkaido for foreign visitors to Japan. GPS data of users will be collected and statistically analyzed to enhance future drive tourism experience. The app provides MAPCODE information for tourist



spots, which simplifies setting the destination of the car navigation. Other features of the app includes: **Tourist spot search, Panoramic Driving Routes, Nearby search**, useful when looking for gasoline stations, rest areas, and convenience stores nearby
corporate.navitime.co.jp

KUDANSLAM SOFTWARE IS NOW READY FOR AUTONOMOUS CAR, DRONE, ROBOTICS

Tokyo based **Kudan, Inc.** has developed real time 3D mapping and position tracking via camera, called "**KudanSLAM**", and started to provide its technology to the market for Autonomous car, ADAS, Drone, Industrial and Personal Robots in addition to the existing AR/VR industries. SLAM, is the software technology, which is capable of 3D mapping and position tracking. It provides computers the ability of "computer vision" to acquire, process, analyse and understand digital images as well as the ability to map its 3D environment, objects, and understand its location within it. This "**Computer Vision**" technology can be used for any industries such as Autonomous car and Robotics. Kudan succeeded to develop practicable and next generation algorithm, which would replace the existing SLAM such as ORB and PTAM*3 SLAM base, and apply those technology to be ready for the market.
www.kudan.eu

ROBOTS: CHINA BREAKS HISTORIC RECORDS IN AUTOMATION

China has rapidly become a global leader in automation. From 2018 to 2020, a sales increase between 15 and 20 percent on average per year is possible for industrial robots. Annual sales volume has currently reached the highest level ever recorded for a single country: Within a year, sales in China surged by 27 percent to 87,000 units (2016). The operational stock of industrial robots marks the highest level in the world. At the same time, Chinese robot manufacturers expand their market share. These are results published by the **International Federation of Robotics**. "China is by far the biggest robot market in the world regarding annual sales and regarding the operational stock," said **Joe Gemma, President of the International Federation of Robotics**. "It is the fastest growing market worldwide. There has never been such a dynamic rise in such a short period of time in any other market."
www.ifr.org