

Fact Sheets on MOUs/ Joint Venture

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重庆新渝

CQ Synergy Tourism Development Co., Ltd

重庆新渝旅游开发有限公司

(A company of Phlotron Networks Pte Ltd, Singapore)

AR Preschool Learning System

AR 幼儿多维智能学习空间

AR preschool learning system is a combination of "Beijing teaching intellectual tutorial" and 5 other such major IT products, in enhancing children's learning, gaming and sports activities and the information exchange between kindergarten. It also enhances screen interactivity in three imaging frontier technologies such as artificial intelligence, big data and learning space building, in a conducive environment for young children. It realizes children's all-round development of body and mind in the form of interactive games, and involves more technological applications in a new form of learning.

中幼多维智能学习空间是以“京师智慧学堂”“快乐嗨嗨”等六大信息化产品有机融合而成，解决了幼儿学习活动 生活活动 游戏活动和体育活动以及幼儿园之间信息互通等问题，将增强现实 多屏互动 三位成像 人工智能 大数据等前沿技术融入学习空间构建，在沉浸式环境中为幼儿提供一个应变场景，以互动游戏的方式实现幼儿身心全面发展，并为更多技术在教育教学中的应用探索了全新的方向。

Highlights of our projects – AR Preschool Learning System & Edu Tours:

- Incorporating advanced technologies - AR, VR & in future AI - into learning systems, starting from preschools. Pioneering a new age of childhood learning. The very first of such learning method in Singapore.
- Solving one of the most difficult problems of preschool kids - focus level. Making kids focus on the subjects while having fun & enjoying the lessons at the same time.
- Enhancing cognitive learnings & nurturing the social skills of preschool kids.
- Very importantly, it is a very affordable system for all parents & children, while without compromising on the quality of education – as the Chinese lessons are designed by Beijing Shifan University; the software written by Alibaba Systems, & the hardware produced by Haier – which are some of the strongest players in their respective fields.
- Introducing China's advance system technology into Singapore, & introducing Singapore's established curriculum & linguistic capabilities into China. Bilaterally benefiting both countries in this Sino-Singapore venture; in-line with the Chongqing Connectivity Initiatives.

项目亮点 – AR 幼儿多维智能学习空间 与 游学:

- 从幼儿园开始，将先进技术（AR、VR 和未来的人工智能）纳入学习系统。开创了儿童学习的新时代。这种学习方法在新加坡首创。
- 克服儿童最难解决的学习问题之一 – 集中注意力。让孩子们专注于学习课程的同时也在享受学习的乐趣。
- 加强认知学习，培养儿童的社交技能。
- 非常重要的是，对于所有的父母和孩子来说，这是一个完全负担得起的系统，但同时不影响教育质量，因为它的中文课程是由北京师范大学设计的；软件是由阿里巴巴系统编写的；和硬件是由海尔生产的 – 他们都是各自领域中最强的企业之一。
- 将中国先进的系统技术引入新加坡，并将新加坡完善的课程和语言能力引入中国。以中新企业合作，使于两国双边受益；符合重庆互联互通倡议。

CQ Synergy Tourism Development Co., Ltd:

With over 35 years of tourism development, we provide tourism planning & promotion, masterplanning, investment & operation management that are conceptually & technically innovative.

We are the officially-recognized international tourism development organization in Singapore, with track records over 69 locations in Asia, Europe and Middle East.

We are the designated World Bank Tourism Advisor, and were involved in all 3 Sino-Singapore G-to-G projects (Suzhou, Tianjin and Chongqing).

重庆新渝旅游开发有限公司:

拥有超过 35 年的旅游开发经验，提供附有创新概念的旅游策划、宣传推广、城市规划、投资与运营管理；

是新加坡官方认可的国际旅游策划与开发机构，项目轨迹遍布亚洲、欧洲、中东内 69 个地区；

是世界银行的专属旅游顾问，也参与了中新合作的全部 3 个项目（苏州、天津、重庆）。

CQ Beizhimeng Educational Technology Co., Ltd:

Chongqing Beizhimeng Educational Technology Co., Ltd is a preschool educational enterprise, building an internet ecosystem of preschool education industry. Through the strategic layout of "one system, two wings", it effectively integrates the supply-end resources and consumer-end resources (kindergartens and families) of the preschool education industry to form a three-dimensional ecological service system for preschool education.

重庆贝知蒙教育科技有限公司:

重庆贝知蒙教育科技有限公司，是打造幼儿教育产业互联网生态圈的幼教企业，通过“一体两翼”战略布局，将幼教产业的供应端资源与消费端资源（幼儿园、家庭）有机整合，形成立体的幼教生态服务系统。



HANDSHAKES

DC Frontiers

Announcement of Research Collaborations with Chongqing Baihang Artificial Intelligence
Institute

(DC Frontiers 与重庆百行智能研究院合作研究公告)

DEEPENING CHINA-SINGAPORE STRATEGIC BUSINESS PARTNERSHIPS WITH POWERFUL BIG DATA & AI TECHNOLOGY

Background on CSE & DC Frontiers

(1) CSE portal

In November 2015, the China-Singapore Demonstration Initiative on Strategic Connectivity was launched in Chongqing to promote cooperation between Chinese and Singaporean enterprises.

One of the projects borne out of this initiative is the establishment of the “China & Singapore Enterprises Big Data Service Platform” (CSE). CSE explores ways to **analyse and leverage big data** to strengthen cross-border decisions and consequently, cooperation.

The [CSE portal](#) was launched in April 2018, and provides user-friendly and reliable business information on both Singapore and Chinese companies. This platform was built to effectively: (1) enable both Singaporean and Chinese companies to **identify** new cross-border business counterparts, and (2) perform **due diligence checks** on potential business partners, so that any new partnerships forged can be built on informed trust.

Established in November 2017, the partnership behind the CSE portal is between Social Credits – the Chongqing tech firm – and a Singapore-based startup, DC Frontiers.

In the pipeline: Deepening collaborative efforts

DC Frontiers’ Chief Researcher, Dr. Martin Andrews, has conducted a Natural Language Processing (NLP) workshop at Social Credits’ training institute – Baihang Artificial Intelligence Institute – in June 2019. This was enthusiastically received by participants, and DC Frontiers is committed to conduct further NLP training workshops at Baihang AI Institute. This commitment will be embarked on with a memorandum of understanding (MOU),, together with two other key thrusts, namely:

1. Setting up a research team in Chongqing, China
2. Performing collaborative Artificial Intelligence (AI) research

Ultimately, both parties hope to co-develop new AI-driven products.

About DC Frontiers

DC Frontiers is a corporate intelligence company that leverages AI technology to help clients do business safely. Its key product is the Handshakes App, which taps into data from official registries across countries such as Singapore, Malaysia, China and Vietnam (to be launched end August) to provide up-to-date coverage of more than 100 million business entities in Asia.

What makes Handshakes unique from other data providers is its ability to easily and interactively generate maps that reveal relationships between entities and persons. This allows financial service firms, regulators, corporates and researches to gain the insight and intelligence necessary for sound business decisions.

From more information, see <https://www.handshakes.com.sg/>

About Baihang Artificial Intelligence Institute

Baihang Artificial Intelligence Institute was established in May 2018 by China Financial Certification Authority, Social Credits, and a number of domestic and foreign universities and research institutes. Baihang AI Institute aims to build a world-class research platform that connects market, industry, innovative research institutes and governments at all levels. It also performs a pivotal role as an incubator and talent training center.

About Social Credits

Social Credits is a big data service company focusing on data crawling, data mining, and data applications. Their data scientists and engineers come from world leading technology and finance companies such as PayPal, Visa, eBay, and Google. They provide solutions to clients, helping them integrate, manage, and analyse internal and external data and together improve risk metrics, reporting, and fraud detection. Social Credits' R&D center is located in Chongqing, and they also have branch offices in Beijing, Chengdu and Guangzhou, as well as a lab in San Francisco.

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MGN Digital Pte Ltd

MGN DIGITAL PTE LTD
MGN 数字私人有限公司

High Performance Shenwei Technical Cloud to be Located in Chongqing for Local and Singapore Users

HIGH PERFORMANCE SHENWEI TECHNICAL CLOUD TO BE LOCATED IN CHONGQING FOR LOCAL AND SINGAPORE USERS

BACKGROUND

Over the past two decades, China has aggressively supported the development of own CPU and system architectures and platforms, covering every product segment from smartphone to supercomputer. The independence of platform development, production and control of the whole 'vertical stack' starting from the chip design and architecture, to the firmware, system design, operating system and software library was the ultimate goal to be achieved.

Among over a dozen various such platforms, one of them emerged as the clear performance leader. Shenwei, also called Sunway at the system level for the international audience (no relationship with Sunway group of companies in Malaysia), was the only successful China processor and system platform to have fully independent development not reliant on any foreign core technologies, including the instruction set architecture itself, yet successfully covering technology implementations for many of the product segments from top to bottom that are required in the new Smart Nation era.

Besides a number of world-leading technical cloud, supercomputer and mission-critical systems – the most prominent of them being Sunway TaihuLight in Shenwei's primary home city of Wuxi in Jiangsu province, which was the World's TOP1 supercomputer from 2016 to 2018 – Shenwei architecture has many solutions for low-power high-performance use in appliance servers, general datacenter storage, and even custom embedded markets, all critical for the various Smart City core hardware enablement. The own custom, very efficient instruction set controlled by China, also provides another layer of anti-intrusion security from foreign malware and hacking.

COLLABORATION WITH MGN DIGITAL, SINGAPORE

MGN Digital Pte Ltd, the international activities partner of Wuxi Hengding S. C. Ltd in charge of Shenwei high-performance systems, has worked closely with the Chinese side over the past few years on the gradual international exposure and commercialization of the Shenwei system platform in markets such as technical cloud, commercial HPC, Big Data, AI, fintech, blockchain and other applications, many of them being confidential due to the sensitive nature of the usage.

Since 2018, in collaboration with Wuxi Hengding, MGN Digital created successful pilot cold plate PoC (proof of concept) ultra high-density, high performance cold plate designs and functional prototypes suitable for the green datacenter of the future. These cold plates can further speed up the most advanced Shenwei rack cabinets noticeably above the already impressive baseline at the same processor temperature, while keeping the same superb 1,024 full system nodes per cabinet density, the world's leading. This is achieved through substantial design improvements to allow chilled liquid cooling system to much more efficiently cool the

multiple processor elements in an unmatched as of now density envelope of 8 systems per 2/3 U height (roughly 1.17 inches) per cooling element.

This achievement, in our belief, can be beneficial for future generations of green datacenter ultra dense, ultra power efficient large cloud architecture reference platforms.

CHONGQING CLOUD: THE PILOT LOCAL PLATFORM

On 26 August 2019, our team announces the commencement of team collaboration to create the financial funding framework supporting the next generation of Wuxi-created Shenwei-based high performance technical cloud, proposed to be located at the Chongqing Cloud Park, and connected to the future fast Data Links.

The new system, planned to be fully commercially self-supporting over its deployment time, is expected to be the world's fastest single-rack implementation, just like its predecessor at the time of its design in 2015. The low latency proposed future link connections there are expected to be aimed at allowing not just the local emerging high performance system user community, but also select external users in the Big Data, Blockchain, technical and scientific computing and custom solutions such as large-scale urban simulations including weather, traffic etc, to make full use of this affordable yet ultrafast system.

Assuming the progress follows the planned timeline, the new system is expected to be test-deployed by 2Q 2020, and in full commercial operation by 3Q 2020. Beyond that, the expansion of the platform plans are in place, in gradual fashion as the commercial usage ramps up.

About the company:

MGN Digital Pte Ltd, based in Singapore, focuses on leading-edge high end computing platforms for scientific, technical, financial and government use, with particular focus on heterogeneous and local indigenous platforms across the Belt & Road geographies. It's based around a compact team of experts with long-standing experience in the field. The bulk of the company's overseas activities is in China, Malaysia and Russia.

For further information, please contact:

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通过强大的数据和人工智能技术深化中国 - 新加坡战略业务伙伴关系

中新企业大数据服务平台与 DC Frontiers 背景介绍

(1) 中新企业大数据服务平台

2015 年 11 月，为促进中国和新加坡企业之间的合作，中国 - 新加坡战略联通示范倡议在重庆启动。项目之一就是建立“中国和新加坡企业大数据服务平台”（CSE）。CSE 探索、分析和利用大数据，以加强跨境决策，从而加强合作。

CSE 门户网站于 2018 年 4 月推出，为新加坡和中国公司提供用户友好且可靠的商业信息。该平台的建立是为了有效地：

- (1) 使新加坡和中国公司能够识别新的跨境业务对手，以及
- (2) 对潜在的业务合作伙伴进行尽职调查，以便将新的合作关系建立在知情信任的基础上。

CSE 门户网站成立于 2017 年 11 月，由重庆誉存科技和新加坡创业公司 DC Frontiers 合作搭建。

正在筹备中：深化合作努力

DC Frontiers 的首席研究员 Martin Andrews 博士于 2019 年 6 月在重庆誉存的参与成立培训机构 - 百杭智能研究所举办了一个自然语言处理（NLP）研讨会。受到了与会者的热烈欢迎，

DC Frontiers 致力于与百杭智能研究进一步合作，举办更多更深入的 NLP 培训研讨会。这项承诺将与其他两个关键重点一起展开，即：

- (1) 在中国重庆设立研究团队
- (2) 进行协作人工智能（AI）研究

最终，双方都希望共同开发新的人工智能驱动产品。

关于 DC Frontiers

DC Frontiers 是一家企业情报公司，利用人工智能技术帮助客户安全地开展业务。其主要产品是 Handshakes App，该应用程序利用来自新加坡，马来西亚，中国和越南等国家的官方注册机构的数据，以提供亚洲 1 亿多家商业实体的最新报道。

Handshakes 与其他数据提供商的独特之处在于，它能够轻松地生成揭示实体与人之间关系的交互式关系图。这使得金融服务公司，监管机构，企业和研究机构能够获得良好商业决策所需的洞察力和信息。

有关详细信息，请参阅 <https://www.handshakes.com.sg/>

关于百杭智能研究院

为坚持创新引领发展，培育发展新动能，改革创新科技研发和产业化应用机制，服务百行百业生态发展。2018年5月，中国人民银行旗下CFCA联合大数据领军企业誉存科技、政府平台及多所国内外高等院校、科研院所共同发起成立百行智能研究院，旨在打破传统科研体制束缚，聚焦产学研用协同发展，建立起链接市场、产业、科研院校、各级政府和社会资本的创新平台。研究院以世界一流高等研究院为标杆，以数字经济发展、新旧动能转换等进程中提出的紧迫问题为驱动，建设关键技术研发平台、创新科研团队孵化平台和产业人才培养基地，以市场角度的场景化应用为研发目标，汇聚能解决实际问题的高端技术人才，以企业化运营的灵活体制，充分调动科研原创力，促进科研成果快速落地，助力产业结构优化升级。

关于重庆誉存

誉存科技 (SocialCredits)，全称“重庆誉存大数据科技有限公司”，由来自PayPal、Visa、eBay等世界顶级金融科技公司的数据科学家、技术专家和华尔街投行高管创办，专注于大数据及人工智能研发的国家级高新技术企业，致力以科技赋能金融，践行普惠理念，助推实体经济发展。

经过多年的发展，誉存科技已成长为国内金融科技领域领军企业，受到政府及行业的一致认可。除总部设立于重庆外，在北京、广州、深圳、杭州、济南、合肥、贵阳等地建立了分支机构，在新加坡成立了东盟市场分部，业务遍及全国，影响力辐射海外。有关详细信息，请参阅<https://www.yucunkeji.com>

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Printed Power Pte. Ltd.

Strategic Cooperation Framework Agreement on Smart Manufacturing Edge Computing
Platform

智能制造物联网边缘计算应用平台科技战略合作协议

**DRIVING DIGITAL TRANSFORMATION FOR
CHINA MANUFACTURING WITH AI EDGE COMPUTING**
共建“中国制造 2025 物联网边缘计算应用平台”

新加坡国家研究基金融资的高科技公司, Printed Power Pte. Ltd., 已研发出一系列物联网边缘计算平台技术, 包括人工智能物联网、5G 中间件、云端设计平台、数据优化保护算法。我们提供传感端连接各种场景应用端的平台服务, 如: 大数据收集计算及分析服务, 物联网+互联网平台的无缝对接与数据保护服务, 智能性方案设计与重构, 行业运营/执行系统监控管理控制 (智能制造 MES, ERP、智能城市 BMS, FMS, WMS)。

Printed Power Pte. Ltd.的执行总裁陈衍庆博士, 是 IEEE 电力电子及工业应用新加坡分会主席、IEEE Sensors Council 期刊副主编, 曾任北京交通大学讲座教授。也正因为有着国际间工业合作、项目联合、学术组织方案策划等丰富经验, 陈博士对全球可持续发展智慧城市的物流、制造与生活质量有着高度的使命感。

Printed Power Pte. Ltd.与中国高校和高科技集团强强联合, 共同申报各类科技国际合作重大专项、基金, 致力于云端边缘科技到工业智能制造业的深度转化。这次国际间“产学研用”合作, 旨在切实提高中国制造 2025 的智能制造、智能装备和轨道交通健康检测产业的综合竞争力, 支持人工智能、大数据、尤其是精密智能装备制造建设, 打造“中国智造”新纪元。

Background

The smart manufacturing cyber-physical system (CPS) is rapidly developing throughout the world, being it the drive of the Industrial 4.0 in Europe, the Made in China 2025 in China, or, the Factory of the Future in Singapore, that is so much focusing on making the CPS itself to be self-autonomous, self-reconfiguring and self-healing seamlessly and smartly. The legacy connections equipped in today machineries, factory production systems, manufacturing execution systems, to even the resource planning system have to be digitally transformed towards an universal dimension to be really able to reap the ultimate benefits within each sub system in the CPS is being designed for its purpose; data is the common language among them. The edge computing platform is the solution to seamlessly and robustly interconnects the CPS and IoT cloud data platform.

About Printed Power Pte. Ltd. (PP)

Printed Power is a high-tech startup, being invested and headquartered in Singapore, that develops edge computers for Smarter Buildings and Manufacturing. We empower customers with sensor-end to application-end platform solution to discover opportunities and capture values from actionable insights co-create with domain experts and advanced AI/ML tools. We focus on smarter city and manufacturing technology. For more news and information, visit www.printedpower.sg.

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SGTech

重庆市中新示范项目管理局

Partnership Announcement with CCIB

新加坡科技工商协会

关于共同推进中新互联互通项目信息通信领域合作框架协议

**Joint Promotion of Cooperation in Information and Communications Technology under
China-Singapore (Chongqing) Demonstration Initiative on Strategic Connectivity**

Background

China-Singapore (Chongqing) Demonstration Initiative on Strategic Connectivity (hereinafter referred to as China-Singapore Connectivity Initiative or CCI) is the third intergovernmental cooperation project between China and Singapore. Part of this project is to promote co-operation and development between Chinese and Singapore information communication technology (ICT) industries. The ICT industry is part of the four key areas of co-operation between China and Singapore.

SGTech is motivated to create and foster favourable conditions for members to internationalise, allowing growth for members with the expansion of markets. With more active exchanges between Singaporean and Chinese companies under the agreement, SGTech believes that this will expand and spur tech innovation within locally-based companies, resulting in the progress of Singapore's tech industry.

SGTech will be involved in the following framework:

- Building a diversified international exchange and co-operation platform among Chongqing, Singaporean and third-party businesses in areas such as scientific and technological R&D, market expansion, personnel training and resource sharing
- Promoting the development of Chongqing and Singapore for tech sectors such as artificial intelligence, big data, cloud computing, Internet-of-Things and smart cities.
- Conduct regular meetings with the CCI Administrative Bureau in joint communication study relevant specific co-operation areas and promote greater depth of co-operation between the two organisations.

Benefits to Singapore Tech companies:

- SGTech would be organising its members to participate in events co-organised with the CCI Administrative Bureau, such as business matching, forums, trade missions to facilitating exchange and co-operation between businesses in Chongqing and Singapore
- SGTech would also be able to recommend companies and other stakeholders that have the potential to foster partnerships with the CCI Administrative Bureau for economic and trade co-operation

Fact Sheet

EMBARGOED TILL AFTER SIGNING & Launch, 26 AUGUST 2019, 1700HRS

ESTABLISHING CHINA-SINGAPORE (CHONGQING) ICT INNOVATION AND COLLABORATION ALLIANCE

Background

The Alliance is the next step of collaboration of the China-Singapore (Chongqing) Demonstration Initiative on Strategic Connectivity (CCI). It facilitates the two cities in implementing new working arrangements and allows effective matchmaking channel for projects between Chongqing and Singapore. It also brings industrial vibrancy to the “Belt and Road Initiative”, and enhances the current “New International Land-Sea Trade Corridor”.

Role of SGTech in the Alliance

The Alliance is co-chaired by the Technology Service Market in Chongqing (TSMC) and SGTech.

As one of the Co-chairs of the alliance, SGTech will focus on work inside of Singapore regarding recommendations of China-Singapore (Chongqing) ICT cooperation projects, promoting "China-Singapore (Chongqing) International Data Channel Service Platform for Enterprises", recommending demonstrative projects for China-Singapore ICM Joint Innovation Development Fund, as well as exploring and providing services to address demand of companies.

Part of the activities of the Alliance is to be a bridge between governments and business, where SGTech would be organising events and activities such as seminars, conferences, business match making and overseas study trips to facilitate exchanges and cooperation opportunities between business and the government bodies, as well as within companies of both cities. SGTech will also organise member companies to participate in ICT industry technology expos in both China and Singapore

As part of the Alliance, SGTech will also select and gather high quality organisations to join the Alliance to provide services for China-Singapore cooperation projects

About SGTech

SGTech, a premier trade association for the tech industry in Singapore. Within a rapidly evolving technology landscape, SGTech strives to create an ecosystem that anticipates trends and develops sustainable initiatives to strengthen the community and help the industry grow. SGTech's 1000 members range from innovative start-ups, vibrant small and medium-sized enterprises to top multinational corporations that leverage technology as a core driver of their business.

For more news and information, visit www.sgtech.org.sg or follow SGTech on Facebook SGTechsocial.

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Partnership Announcement with CoolDe for IOT Services

Memorandum of Cooperation between SkyLab, Singapore & COOL.DE, Chongqing



August 26, Chongqing - A major signing ceremony will take place at Smart China Expo 2019, Chongqing. One of the key highlights is the signing of Memorandum of Cooperation between SkyLab, Singapore and COOL.DE, Chongqing which had garnered much attention. Both companies will be combining their expertises in Industrial Internet of Things (IIoT) and big data analytics to create cutting edge and innovative end-to end IIoT data analytics solution for smart buildings, smart factories and smart city management applications. COOL.DE, Chongqing specialises in big data integration and analysis. SkyLab is Singapore's leading IIoT technology company which has developed a number of patented technologies for the collection of massive IIoT data and providing an end to end data logistics solution.

The companies will be using the SkyLab Transport Accelerator (STA™), multi-protocol middleware (IGX™), Multi Edge Computing architecture (MEC), Data Logistics Cloud (DLC™) and COOL.DE big data analytics platform to develop IIoT solutions for smart buildings, smart industries and smart cities. These solution aims at helping enterprises transform themselves for the digital age.

SkyLab's industry-leading data logistics solutions stand out particularly, especially her core technologies of STA™ data acceleration.

STA™ revolutionalises how data are being delivered across the Internet. It is able to accelerate the transfer of data through unpredictable wireless networks by analysing real-time traffic and routing conditions to find the fastest route between the data source and destination on cellular, satellite and IoT radio networks. Its advanced adaptive congestion control, which is able to predict the network's condition 20ms ahead of time, helps regulate the amount of data sent, avoiding bottlenecks and ensuring a smoother transfer of data. Consequently, the STA™ is able to reduce network latency, increase throughput, optimise the transport layer performance and hence reduce overall network congestion.

According to Stephen Ho, SkyLab Holding's COO, "Conventional data transfer largely relies on caching and compression technologies in the hope of accelerating data flow. This, however, would not work well with the massive volume of and time-sensitive small data packages generated by mission-critical Industrial Internet of Things (IIoT) devices. SkyLab's STA™ highly advanced algorithms have been proven to work in a variety of communication environment in the secured and accelerated transmission of such mission critical data. This key piece of technology complements COOL.DE's expertise in big data analytics and allows the partnership to offer secured and real-time large scale analytics to the China market." "The crux of the IIoT business model is premised on the diversified usage of real-time data to provide actionable insights. SkyLab currently works with clients across varied industries and countries, ranging from green energy, smart cities and buildings to maritime, in that regards.

SkyLab's strategic collaborations with top technological firms such as Microsoft and HP Enterprise further enhances her ability to provide end to end data logistics and edge computing solutions.

Since its establishment in 2016, SkyLab has garnered many international awards for its technology and solutions, and was recognised by a leading IT publication as one of the Top 10 IoT technology companies in 2019.

SkyLab looks forward to partnering COOL.DE in the exploration of different application scenarios and business models in the Chinese market."

About SkyLab

SkyLab is a digital performance company that optimizes the delivery of content, software and machine data for mission critical applications globally. SkyLab focuses on connecting people, businesses and the Internet of Things (IoT), gathering data and harnessing the power of cloud and edge computing. It has an extensive track record in the implementation of large-scale enterprise grade and mission-critical industrial IoT (IIoT) solutions across different smart city domains and is currently operating an IIoT network spanning in excess of 1800 public housing and commercial buildings.

SkyLab's solution helps to lower unplanned maintenance services, improved cost savings and increased efficiency in day-to-day operations. With a data driven decision making process, companies will be able to revolutionise their operational approach to enhance long-term revenue optimisation.

www.skylabteam.com

About COOL.DE

COOL.DE is one of the largest high-tech enterprises in Chongqing for big data management, application and R&D. With a vast background in industry data consulting, data governance and big data application technology research and development, the company provides customers with high-quality whole industry chain services, and its business scope has been extended to government departments such as land, housing management, environmental protection, safety supervision, meteorology as well as energy, finance and medical services, manufacturing and other fields.

The company has established in-depth technology research and development cooperation mode with universities and research institutes such as the University of Technology Sydney, Chongqing University of Technology, Chongqing University of Posts and Telecommunications, Chongqing Science and Technology Research Institute, etc., focusing on big data application platform, big data core algorithm and artificial intelligence application. Currently, the company has obtained dozens of software-related patents.

<http://www.cscoolde.com/>

聚焦智慧城市，新加坡 Skylab 与重庆酷德强强联合

8月26日，第二届中国国际智能产业博览会（简称智博会）将在重庆举行重大项目集中签约仪式，其中新加坡 Skylab 与重庆传异酷博的签约合作备受瞩目，双方将基于各自在大数据与物联网领域的核心技术强强联合，打造一个稳定、创新的端对端物联网生态系统，聚焦智慧楼宇、智慧工厂、智慧城市管理等场景的物联网科技应用。

据了解，Skylab 与重庆传异酷德的合作正是在中国国家主席习近平和新加坡总理李显龙共同发起的“中新（重庆）战略性互联互通”倡议下，由重庆招商局与新加坡资讯通信媒体发展局、新加坡数字产业发展司共同促成。自2019年3月双方接洽至今，进展迅速。

重庆传异酷德在大数据整合、切片、分析等技术方面具有领先技术优势，而 Skylab 则是新加坡领先的智能物联网科技公司，自主研发多项专利技术，为工业物联网海量数据的采集、传输、应用，提供完整的、端到端的解决方案。双方将基于 Skylab 的 STA 数据加速器，IGX 多协议中间件，MEC 边缘计算架构，DLC 数据管理云和酷德大数据平台相结合的创新物联网解决方案，面向智慧楼宇、智能工业和智慧城市等诸多领域带来深远的影响和广泛的变革，同时助力产业的升级与转型。

其中，Skylab 拥有的业内领先的融合设备管理解决方案尤为引人注目，尤其是 STA 数据加速和 MEC 边缘计算两项核心科技。STA 数据加速可针对性解决多协议、不同网络环境下海量数据的精准、安全、快速、实时传输。Skylab 负责人 Stephen 介绍，“传统的数据传输多使用压缩与解压缩的方式，但这不能解决物联网时代海量数据的传输需求。Skylab 研发的 STA 数据加速，则可以实现数据的精准传输，通过对不同网络环境的预判和无缝衔接，降低延迟，实现 200%加速。”也正是这项技术，解决了重庆酷德对实时数据处理的迫切需求。

STA 数据加速与 MEC 边缘计算，能够有效解决目前物联网领域在数据物流及边缘计算的技术难题。Skylab 负责人 Stephen 认为，“物联网商业模式的盈利关键是实时数据的多元化应用。而 Skylab 成立后，先后与微软 Azure 云、惠普等公司达成战略合作项目，并在新加坡、印尼、中国等国家开展多个项目，在工业物联网云平台、海事海运、太阳能、通讯通信等领域具有领先优势和应用场景的经验。公司自 2016 年成立以来，自主研发技术多次获得国际奖项，今年还与 Tata Communication 等知名企业共同入选全球十大物联网科技公司，Skylab 与酷德将探索更多应用场景和商业模式，同时也期待在中国市场有更多合作探索的机遇。”

SkyLab 和酷德的本次合作，不仅能够促进物联网产品及解决方案的技术标准化进程，同时还为持续推进中新双方的技术和商业合作立下了典范。合作还将结合重庆区

位优势、产业基础与新加坡创新技术、国际资源，打造物联网上下游生态链，建立面向国际的应用先行示范区和物联网创新高地，助力重庆完成传统产业转型升级与智慧产业创新发展。

更多信息可以访问 Skylab 官方网站：<https://www.skylabteam.com/>

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MEDIA FACT SHEET

StarHub Signs MOU with Leading Internet Service Providers in China

Parties to improve data connectivity between Singapore and Chongqing

Singapore and Chongqing, China, 26 August 2019 – StarHub today announced that it has signed a Memorandum of Understanding with the three leading internet service providers (ISPs) in China – China Mobile, China Unicom and China Telecom, to enhance data connectivity between Singapore and Chongqing as well as explore other business opportunities.

Supported by the governments of Singapore and China, this is one of the 13 memoranda of understanding signed between technology companies from both countries, at the Smart China Expo 2019 event, to drive business collaborations in fintech, urban solutions, artificial intelligence, data analytics, transport, logistics and data connectivity.

Specifically, StarHub will work with the three internet service providers (ISPs) in China, to strengthen digital connectivity between Singapore and Chongqing and cater for increasing China-Singapore trade.

With this collaboration, Singapore companies with operations in Chongqing can expect to enjoy more robust connectivity between two cities. . These companies will also be able to work with their preferred ISP provider in China for enhanced Infocomm services with competitive offerings. .

StarHub has invested in five submarine cable systems to support its corporate customers' international connectivity needs and to provide the best international internet experience for consumers. They are Asia-Pacific Cable Network 2, Asia Submarine-cable Express, Asia-Pacific Gateway, Asia-America Gateway and Japan-US Network. StarHub is able to provide dedicated, secure, point-to-point connection to 200 cities data connectivity. These investments are important foundations which support this collaboration.

- Ends -

About StarHub

StarHub is a leading homegrown Singapore company that delivers world-class communications, entertainment and digital solutions. With our extensive fibre and wireless infrastructure and global partnerships, we bring to people, homes and enterprises quality mobile and fixed services, a broad suite of premium content, and a diverse range of communication solutions. We develop and deliver to corporate and government clients solutions incorporating artificial intelligence, cyber security, data analytics, Internet of Things and robotics. We are committed to conducting our business in a sustainable and environmentally responsible manner. Launched in 2000 and listed on the Singapore Exchange mainboard since 2004, StarHub is a component stock of the SGX Sustainability Leaders Index and the SGX Sustainability Leaders Enhanced Index. Visit www.starhub.com for more information.

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veriTAG

veriTAG Pte Ltd

1. veri\$HOP Launch and Showcase with Keruyun (Applied Logistic)
2. China (Chongqing) - Singapore (ASEAN) Trade
3. veriTAG with NULS for Blockchain tracking and showcase

veri\$HOP Launch and Showcase with Keruyun Keruyun 和 veri\$HOP 的发布和展示

veri\$HOP Launch and Showcase with Keruyun (Hong Li)

Keruyun is one of the top 3 POS players in China with more than 10,000 brands under their wing. veriTAG will work with Keruyun to bring cashless payment, AI inventory control, centralized logistic to franchise in Singapore

veri\$HOP 与 Keruyun (Hong Li) 合作推出和展示

Keruyun 是中国三大顶级 POS 服务商之一，拥有超过 10,000 个品牌。veriTAG 将与 Keruyun 合作，为新加坡的特许经营带来无现金支付，人工智能库存控制，集中物流服务

To facilitate the use cashless payment system in Singapore, veriTAG has launch veri\$HOP with Keruyun to release a cashless payment system which can accept all forms of payment from Alipay, wepay to Ezlink, apple pay, VISA, master, etc. This franchise model will help to Singapore brand to move their franchise into neighborhood with the most cost effective management and control. veriTAG plan to launch veri\$HOP into 114 hawker centers in Singapore and with an average of 3 franchise, we are looking at more than 300 hundred veri\$HOP outlets in Singapore by 2020. For Keruyun, this will be their biggest overseas platform if the target is hit.

Going cashless is a must in Singapore and hopefully though veriTAG collaboration with Keruyun, we can contribute to the take up in Singapore. Also, with the ease of payment like Alipay, wechat pay, visa and master, we hope to encourage more spending by tourists. Singapore has more than 10million tourist of which 3.23 million are from China. Keruyun system has been operating in China for more 10 years and has advance data analysis on sales and customer profile. This is something which veriTAG can build upon to better develop franchise program for Singapore merchants.

为了方便在新加坡使用无现金支付，veriTAG 已与 Keruyun 推出 veri\$HOP，可以接受支付宝 Ezlink，苹果支付，VISA，MASTER 等不同类型的支付。这个加盟模式将帮助新加坡品牌以最具成本效益的管理和控制在小贩中心经营。veriTAG 计划在新加坡的 114 个小贩中心推出 veri \$ HOP，平均拥有 3 个加盟摊位，我们预计到 2020 年新加坡将有超过 300 个 veri\$HOP 网点。对于 Keruyun，这将是他们最大的海外平台。

无现金是新加坡的目标，希望通过 veriTAG 与 Keruyun 的合作，我们可以为新加坡的进步做出贡献。此外，由于支付宝，微信支付，VISA 和 MASTER 的支付方便，我们希望鼓励游客增加消费。新加坡有超过 1000 万游客，其中 323 万来自中国。

Keruyun 系统已在中国运营了 10 多年，并对销售和客户档案进行了先进的数据分析。veriTAG 可以用这为新加坡品牌建立更好的加盟模式。

China (Chongqing) - Singapore (ASEAN) Trade

中国（重庆）-东盟（新加坡）新陆海跨界贸易物联网平台

veriTAG will launch veriHUB ChongQing with Rizon to create a platform to facilitate trade between Chongqing and Singapore

veriTAG 将与 Rizon 合作推出 veriHUB 重庆，以创建一个促进重庆与新加坡之间贸易的平台

Factsheet

veriTAG has successfully build veriHUB a one stop export solution to China with more than 60 companies and 150 brands. We build to reverse this by having ChongQing merchants to enter into Asean market through Singapore and veriTAG. This will be veriHUB ChongQing. With cargoes going in and out of China, our plan is to consolidate in ChongQing to maximize the trade flow.

One of the key feature is we will help Chongqing companies to setup offices in Singapore with shared warehousing, hot desk and offline and online marketing. The goal is for them to establish franchises in Singapore, similar for Singapore brands to come to Chongqing to launch franchises.

However, this is only possible through consolidation of resources especially in logistic costs. Rizon's experience in logistic and veriTAG experience in the market complement each other in building a strong platform to facilitate this business model.

veriTAG 在中国成功的建立了 veriHUB 一站式出口方案。veriHUB 拥有拥有 60 多家公司和 150 个品牌。我们希望重庆品牌可以通过新加坡和 veriTAG 进入东盟市场。这将是 veriHUB 重庆。随着货物进出中国，我们的计划是在重庆打造成贸易重点。

其中一个关键特色是我们将帮助重庆公司在新加坡设立办事处，共享仓储，办公事，线下和线上营销。目标是在新加坡建立加盟，同样的新加坡品牌将来到重庆推出加盟。

但是，这只能通过整合资源，特别是物流成本来实现。Rizon 物流经验和 veriTAG 经营方面的经验相互补充，构建了一个强大的平台来促进这个商业模式。

veriTAG with NULS for Blockchain tracking and showcase

将 veriTAG 区块链纳入 NULS 平台

veriTAG with NULS for Blockchain tracking

IMPT: collaboration to bring veriTAG blockchain onto NULS. NULS is based on Chongqing, developed their own mainnet and is one of the key blockchain mainnet in China

veriTAG 在 NULS 的区块链建立溯源

将 veriTAG 区块链纳入 NULS。NULS 以重庆为基地，开发了自己的主网，是中国主要的区块链主网之一

Factsheet

It is a must for tracking and authentication to be on blockchain as data store is immutable. veriTAG has been on blockchain for more than a year since securing the support from IMDA to develop the blockchain. Through our last year signing of Global food chain Alliance with NULS, we have been working closely with NULS and we are proud to announce that veriTAG will transfer its blockchain from ethereum to NULS mainnet. With this partnership, we hope to share our resources to build veriHUB ecosystem on blockchain. This will greatly benefit what veriTAG is building – veriHUB, one stop export solution and veri\$HOP, a no frill franchise program.

由于区块链数据存储是不可以篡改的，因此必须在区块链上进行溯源。自从获得 IMDA 支持开发区块链以来，veriTAG 已经在区块链上运行了一年多。通过我们去年与 NULS 签署全球食品链联盟，我们一直与 NULS 密切合作，我们很自豪地宣布，veriTAG 将其区块链从以太坊转移到 NULS 主网。通过这种合作关系，我们希望分享我们的资源，以便在区块链上构建 veriHUB 生态系统。这将大大有益于 veriTAG 正在建设的内容 - veriHUB，一站式出口解决方案和 veri\$HOP，一个最简单和有效的加盟模式。

Fooyo And Chongqing Tourism Investment Officially Landed Joint Venture To Smarten Tourism Industry In Western China

August 26th, 2019 - Fooyo Travel, a Singapore-based tourism digitalization solution company, has landed a joint venture with Chongqing Tourism Investment(Group), a leading tourism assets management company in China, to smarten the tourism industry in Western China.

Following the Memorandum of Understanding signed in August 2018, Fooyo and Chongqing Tourism Investment(Group) have now officially landed the Joint Venture in Yuzhong district, Chongqing, China. The joint venture is named as Sino-Singapore(Chongqing) Smart Tourism, targeted to the tourism industry digitalization in China, Singapore, and more ASEAN countries.

Sino-Singapore(Chongqing) Smart Tourism is positioned as the integrated service provider for international tourism destinations. It combines "Online smart digital services" with "Offline QR signages" and "Omni-channel global marketing" to provide visitors with immersive onsite travel experiences and to make tourism destinations "digital, comprehensive, and international". The company is committed to creating globally competitive innovative solutions for the tourism industry and actively building a culture and tourism bridge between China and Singapore.

The Joint Venture is facilitated under the Chongqing Connectivity Initiative (CCI), Singapore's third Government-to-Government (G2G) collaboration with China, and is supported by Infocomm Media Development Authority Singapore, Enterprise Singapore, Chongqing Connectivity Initiative Bureau, Chongqing Big Data Application Development Authority and Chongqing Culture and Tourism Bureau.

Through CCI and China's 'One Belt One Road' Initiative, Fooyo is working towards enhancing the tourism connectivity of China and ASEAN through digitalization.

About Fooyo

Fooyo is a Singapore-based smart tourism solution company that was established in 2014 by four National University of Singapore alumni. Fooyo has developed products such as smart itinerary planners, smart navigation systems, smart attraction guides and smart virtual service robots. In 2017, Fooyo collaborated with Sentosa, IMDA, and Accenture to create an integrated smart tourism app named MySentosa, to improve the experience of visitors to Sentosa, a popular tourist attraction in Singapore.

About Chongqing Tourism Investment Group

Chongqing Tourism Investment Group(CQTIG) is a state-owned company based in Chongqing. CQTIG has been operating in Chongqing for 10 years. It owns various tourism assets including attractions, hotels, cruises, tourism real estates, tourist agencies. Since 2015, CQTIG has been innovatively working on tourism digitalization. By establish the ChaseFun B2B platform, CQTIG has partnered with 100+ tourism assets. In the year 2017, CQTIG becomes the official builder of the Chongqing Tourism Cloud.

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