b'smart

BSMART SYSTEM SOLUTIONS SDN. BHD.

WORLD CLASS
INNOVATOR
OF MOBILITY SOLUTIONS

b'smart

INTRODUCTION

www.bsmart-solutions.com

B'SMART SYSTEM SOLUTIONS SDN. BHD.

ABOUT US

BSMART System Solutions Sdn. Bhd. is a 100% Bumiputera locally-owned company registered in Malaysia since 2013 specializing in Internet of Things (IoT) Telematics providing services to Petronas, Celcom, City Zone Express, Schenker Logistics, Land Public Authority, Ministry Of Defense, Cyberview and many more. BSMART has its own in-house Research and Development (R&D) Team commercializing IoT Terminal. We invented the Front-End Intelligence (FEI) Technology that revolutionizes telematics solutions from a responsive standalone tracking system to an integrated system that enabled real time interactive, intelligent and event-driven transport management that monitor, communicate, evaluate and respond to events dynamically. BSMART further fueled our expertise & experience with actual operational knowledge that works. BSMART currently collaborate with research University in Malaysia namely Universiti Teknologi Malaysia (Wireless Communication Centre) and National Defense University of Malaysia.

With extensive industry domain knowledge, and innovative and experienced development team, BSMART is offering a suite of revolutionary, comprehensive and reliable Integrated Telematics Applications at competitive rates. Our integrated Telematics Solutions empowers businesses, while we are focused on technology and development so that our customer will continuously stay focused on their core strengths in their business.

We implement the 1st regional electronic cargo tracking system in the world for East Africa community funded by TradeMark East Africa. We also implement public service vehicle monitoring for land & sea transport authority in Tanzania and Kenya.

B'SMART SYSTEM SOLUTIONS SDN. BHD.

Company Profile

Vision

To be a **World Class Innovator** of Mobility Solutions. BSMART System Solutions Sdn. Bhd. brings the knowledge and skill-sets to transform the power and depth pf desktop applications into highly functional mobility solutions.

By doing so, you are finally given the control to define when and how to communicate and the access to define your own mix of applications so that any business will have all the information and tools available wherever you choose to work from, in real time no less.

By revolutionizing mobility, BSMART System Solutions Sdn. Bhd. provides the springboard for business to elevate current services levels while retaining total command and control over day-to-day business operations, no matter where you are.

Mission

Strives for **Consistent Excellence** in everything we do and to exceed the right customer's expectation.

Commitment to Quality

BSMART is committed to meeting the business needs of our clients through the effective application of information systems technology. In ensuring that proposed solutions are based on business objectives, we work closely with our client to ensure that all project goals are understood and met. At the core of this approach is the development of an effective communications process to ensure that projects meet the quality, scheduling, budget, and user requirements of all stakeholders involved.
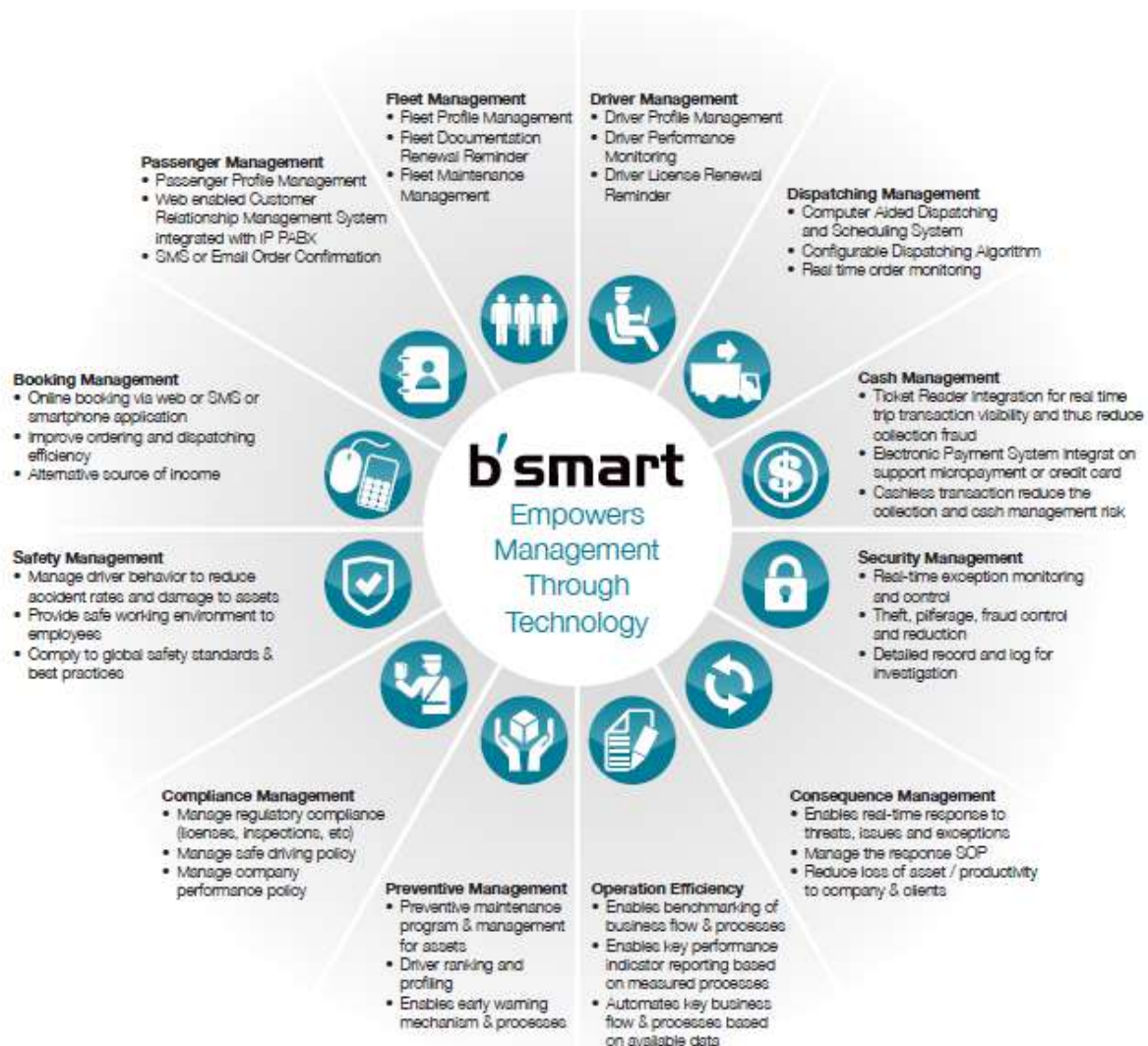
B'SMART SYSTEM SOLUTIONS SDN. BHD.

OUR STRENGTH

BSMART strength lies on the following components:
- ➢ Competent and formally trained staff in various disciplines and platforms.
- ➢ Knowledgeable and committed sales personnel.
- ➢ Complete and integrated solutions with modular implementation.
- ➢ Independent solution provider with strong alliances with multiple vendors and principals.
- ➢ Multi-platform solutions to cater for diversified customers.
- ➢ Full in-house and local support.

CORE VALUE

Fleet Management
- Fleet Profile Management
- Fleet Documentation Renewal Reminder
- Fleet Maintenance Management

Driver Management
- Driver Profile Management
- Driver Performance Monitoring
- Driver License Renewal Reminder

Passenger Management
- Passenger Profile Management
- Web enabled Customer Relationship Management System integrated with IP PABX
- SMS or Email Order Confirmation

Dispatching Management
- Computer Aided Dispatching and Scheduling System
- Configurable Dispatching Algorithm
- Real time order monitoring

Booking Management
- Online booking via web or SMS or smartphone application
- Improve ordering and dispatching efficiency
- Alternative source of income

Cash Management
- Ticket Reader integration for real time trip transaction visibility and thus reduce collection fraud
- Electronic Payment System integration support micropayment or credit card
- Cashless transaction reduce the collection and cash management risk

Safety Management
- Manage driver behavior to reduce accident rates and damage to assets
- Provide safe working environment to employees
- Comply to global safety standards & best practices

Security Management
- Real-time exception monitoring and control
- Theft, pilferage, fraud control and reduction
- Detailed record and log for investigation

Compliance Management
- Manage regulatory compliance (licenses, inspections, etc)
- Manage safe driving policy
- Manage company performance policy

Preventive Management
- Preventive maintenance program & management for assets
- Driver ranking and profiling
- Enables early warning mechanism & processes

Operation Efficiency
- Enables benchmarking of business flow & processes
- Enables key performance indicator reporting based on measured processes
- Automates key business flow & processes based on available data

Consequence Management
- Enables real-time response to threats, issues and exceptions
- Manage the response SOP
- Reduce loss of asset / productivity to company & clients

b'smart
Empowers Management Through Technology

B'SMART SYSTEM SOLUTIONS SDN. BHD.

COMMAND CENTRE

Centralized Monitoring Centre (CMC) is equipped with cutting edge system with a more cost effective solution utilizing Internet of thing (IOT) Telematics. This system has the potential to replace requirement to setup a costly array of antenna tower for tracking and monitoring purposes.

This new system only requires to install sophisticated tracker unit on vehicle or boat and is able to transmit data wirelessly via telematics to a cloud database system. Client will be able to track and monitor the location and activities of vehicle or boat in real time from CMC or from a mobile device connected to internet. In addition, the system is fitted with geo fencing capabilities to enable authorities to determine whether the enforcement patrol cover the required area.

BSMART COMMAND MONITORING CENTRE KUALA LUMPUR, MALAYSIA

BSMART COMMAND MONITORING CENTRE KOTA KINABALU, SABAH, MALAYSIA

BSMART COMMAND MONITORING CENTRE KENYA, AFRICA

B'SMART SYSTEM SOLUTIONS SDN. BHD.

Key Personnel

Managing director
ABD RAHMAN YASIR

Abd. Rahman Yasir has extensive expertise and experience, over 23 years in multiple roles ranging from electronics manufacturing, business development, corporate, communication and sales & marketing, in various sectors. He started his career in electronics manufacturing for 10 years, holding primary roles in the areas including Operation, Product engineering, Quality control and Customer support.

In 1997 he joined Malaysian Technology Development Corporation (MTDC) (GLC company under MOSTI) as Senior Vice President managing Technology Centre and Business Development.

He has an extensive experience in the business incubation program, development of value-added programs and hands-on experience in the management of start-up companies. He has also undertaken a number of International linkages collaboration programs in MENA Country, East Africa and in ASEAN countries.

Abd. Rahman Yasir is also involved for the formulation of Incubation strategies, collaboration with university, Incubator business modeling, funds & financial planning and technology funding for start-up companies.
Abd. Rahman is currently the Curriculum Advisor in Electrical Engineering Polytechnic (Diploma Program) appointed by Ministry Education of Malaysia.

B'SMART SYSTEM SOLUTIONS SDN. BHD.

Key Personnel

Technical Advisor
PROF. THAREK ABD RAHMAN

Prof. Dr. Tharek Abd Rahman, is currently the Director Wireless Communication Centre (WCC), Faculty of Electrical Engineering UTM and leading a research area related to 5G for mobile communications, satellite communications, antenna and propagation. He is also the Commission Member of Malaysian Communication and Multimedia Commission (MCMC).

He has conducted courses mainly to mobile and satellite for telecommunication industries and government agencies since 1988 and an active member in several research academic entities, as well as a member of the Research Collaboration Panel under the Spectrum Research Collaboration Program (SRCP) of the Malaysian Communications and Multimedia Commissions (MCMC).

B'SMART SYSTEM SOLUTIONS SDN. BHD.

Key Personnel

Technical Advisor
STEPHEN TEANG SOO THONG

Mr. Stephen Teang has extensive expertise and experience, over twenty years in the wireless communication arena in Asia, Africa, Middle East and the USA. Prior to his current position he was Customer Support Manager of LGC Wireless, the inventor of In-Building Cellular Coverage using existing structure cabling infrastructure. Before that, he was the technical manager of ENC Sdn Bhd, a leading telecommunication engineering service company in South East Asia.

Mr. Stephen Teang holds a MSc. in Advance Mobile and Personal Radio Communication Engineering with Distinction from the University of Lancaster, United Kingdom and he is currently pursuing a PhD in electrical and electronics engineering at Universiti Teknologi Malaysia. Mr. Stephen Teang is a member of the Institute of Electrical and Electronics Engineers.

Mr. Stephen Teang is a key personnel on implementation of RECTS projects in East Africa since 2015 for KRA, KPA, URA and RRA. RECTS is Regional Electronic Cargo tracking System (RECTS). The implementation of a Regional Electronic Cargo Tracking (RECTS) System along the Northern Corridor to track goods under customs control (whose taxes have not been paid) from Point of Loading (Departure) to final destination within Kenya, Rwanda and Uganda. It is a seamlessly monitoring system of the movement of cargo by using our Bsmart Eseal Product. Currently his latest involvement is implementing GPS tracking system under Surface and Marine Transport Regulatory Authority (SUMATRA) Tanzania focusing on public bus operators.

B'SMART SYSTEM SOLUTIONS SDN. BHD.

Products & Services

BSMART COMMERCIAL VEHICLE OPERATION (b'CVO)

The b'CVO provides integrated commercial vehicle operation services within fleet operations, security operations, carrier operations and support operations. Commercial vehicle operators can leverage on b'CVO to achieve measurable improvements in operating efficiency and effectiveness, enhanced safety and security, and realize cost savings while providing quality services to its customers globally.

The b'CVO offers:
- ➢ Security operations.
- ➢ Carrier operations.
- ➢ Fleet operations.
- ➢ Services operations.

The modules under the b'CVO are:
- ➢ Fleet management.
- ➢ Driver management.
- ➢ Dispatching management.
- ➢ Cash management.
- ➢ Security management.
- ➢ Consequence management.

BSMART ANTI-CAR THEFT SERVICES (b'ACT)

The b'ACT is a wireless anti-car theft device with concurrent GPS and GSM positioning capability for global tracking. The dual positioning technology is to ensure seamless tracking when there is no GPS coverage, for example in underground car parks. This solution provides the following:

- ➢ Early warning – Monitoring and alert
- ➢ Stolen recovery – Tracking and immobilization
- ➢ Insurance package – Least gap cover

B'SMART SYSTEM SOLUTIONS SDN. BHD.

Products & Services

BSMART CONNECTED CAR (b'CC)

BSMART CONNECTED CAR (b'CC) is a product that uniquely design by combining a GPS system with on-board diagnostics. It's possible to record – and map – exactly where a car is and how fast it's traveling, and cross reference that with how a car is behaving internally. Add communication over a 3G network and telematics can be used to send both data and communications back and forth between a vehicle and a central management system. BSMART Connected Car Services is uniquely offered 5 cores feature;

➢ Availability in Vehicle WiFi
➢ Real Time Remote Diagnostic Alert and Automatic Maintenance Reminder
➢ 24X7 BSMART Customer Support Centre
➢ Nationwide BSMART Rapid Response Unit
➢ HD Dashcam to capture all incidents on the road.

B'SMART SYSTEM SOLUTIONS SDN. BHD.

Products & Services

BSMART BUS SERVICE OPERATION (b'BSO)

BSMART Bus Service Operation (b'BSO) provides seamless integrated bus operation services within Fleet Operations, Driver Management, Commuter Management, Depot Management, Operation Centre, Electronic Fare Management System and other Support Operations. b'BSO is a service oriented platform that focuses on Key Performance Index (KPI) monitoring for public transport bus operations. It is the outcome of the extensive research and experience in the area of public transport and designed to address the operation dilemma faced by transport owners today. With b'BSO, Bus Operators can leverage on BSMART to achieve measurable improvements in operation efficiency by optimizing utilization rate and effectiveness, enhance safety and security, realized large cost savings while providing high quality services to both customers and drivers.
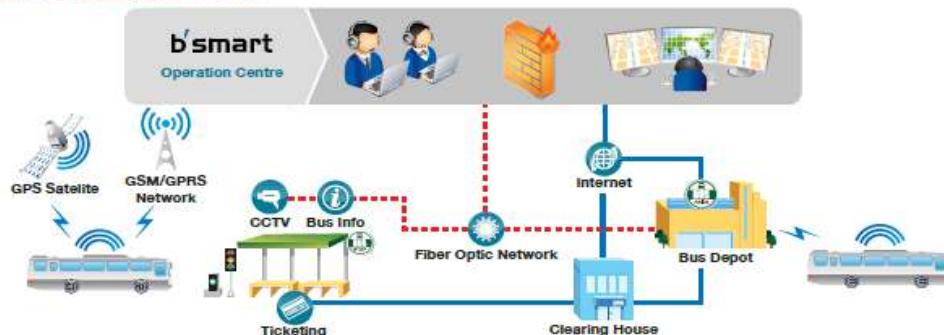
The b'BSO improves processes that capitalize on automation. The modules under the b'BSO solution are:

- ➢ Fleet management
- ➢ Driver management
- ➢ Dispatching management
- ➢ Cash management
- ➢ Security management
- ➢ Consequence management

- ➢ Operation efficiency
- ➢ Preventive management
- ➢ Compliance management
- ➢ Safety management
- ➢ Booking management
- ➢ Passenger management

B'SMART SYSTEM SOLUTIONS SDN. BHD.

Products & Services

BSMART ELECTRONIC CARGO TRACKING SYSTEM (b'ECT)

Electronic-based sealing devices that provide enhanced security for in-transit goods on cargo-bearing commercial vehicles.
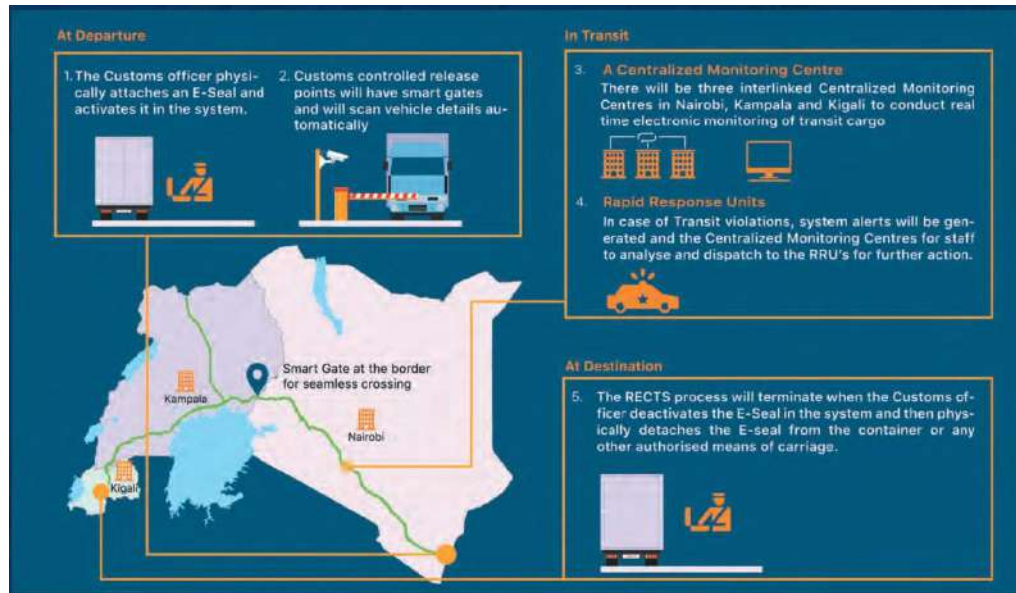
➢ To facilitate seamless flow of transit cargo in single view of cargo tracking along the gazette route.
➢ To enable real time visibility.
➢ To detect transit violation.
➢ To integrated with customs systems and intelligent video analytical surveillance system.

REGIONAL ELECTRONIC CARGO TRACKING SYSTEM (RECTS)

Regional Electronic Cargo tracking System (RECTS) The implementation of a Regional Electronic Cargo Tracking (RECTS) System along the Northern Corridor to track goods under customs control (whose taxes have not been paid) from Point of Loading (Departure) to final destination within Kenya, Rwanda and Uganda. It is a seamlessly monitoring system of the movement of cargo by using our Bsmart Eseal Product.

B'SMART SYSTEM SOLUTIONS SDN. BHD.

HOW RECTS WORKS?

EXPECTED BENEFITS OF RECTS

Cargo Security Along The Corridor	Cost
❖ The Owners of the cargo are able to monitor the location of their goods on a real time basis. ❖ Detection and Recovery support from Rapid Response Team in cases of theft, diversion. ❖ Ability to manage and communicate with fleet drivers via mobile device as well as receive alerts.	❖ There will be no charges for the service however, there will be a charge for every device (E-mail) lost under his custody. Operational costs to be met by the RAs. ❖ There will be increased turnaround time of the trucks hence reduced cost of doing business.
Trade Facilitation	**Time**
❖ Fostering trust between the Revenue Authorities and stakeholders through partnership in securing both taxes and transit cargo. ❖ Fair terms of trade due to efficiencies created by the system, i.e. creating a level playing field for both importers and local industries.	❖ There will be seamless movement of cargo within the Northern Corridor. This means minimal customs physical disarming and re-arming at the border.

B′SMART SYSTEM SOLUTIONS SDN. BHD.

Products & Services

BSMART believe in data digitalization world, there is an opportunity for us to maximize the usage of digital technologies in our daily operations. Metering equipment and systems should work efficiently instead of creating frustration and unnecessary expense.

DATA GATHERING SYSTEM (DGS) SMART SUBMETER READING PRODUCT BY NEXTCENTURY

  ➢ Gateway,
  ➢ the Repeater
  ➢ the Transceiver which will transferred using wireless

The NextCentury Submetering System is mainly designed to reduce problems of accuracy of meter reading data. This system does not have any moving mechanism, so it would give accurate reading of energy consumption. Consumer can easily get awareness about their energy consumption in real value so they can control their energy consumption. NextCentury Submetering Systems has their own User Interface for consumer can easily check their energy consumption by Mobile/Computer. This system is also secure and not easily vulnerable. We ensure you that this smart submetering system is the advanced metering technology with better performance.

Products & Services

BSMART utilize its own panels of experts to work closely together with abroad range of leading multinational and regional partners. Through this competency network, customer benefits from additional resources and specific know-how in a wide range of products and services.

TELECOMMUNICATIONS SOLUTIONS
- ➢ IP PABX Telephony
- ➢ Network Management System
- ➢ Customer Care and Call Centre Management System
- ➢ Radio Communication
- ➢ Billing System
- ➢ Information Alert System
- ➢ SMS / Internet E-mail Service
- ➢ Corporate Messaging System
- ➢ Test Equipment
- ➢ Network Consolidation

NETWORKING, INTERNET & INTRANET SOLUTIONS
- ➢ Networking Infrastructure Services
- ➢ Office Automation
- ➢ Design and Implementation of Internet Solutions
- ➢ Intranet Applications

We specialize in the design and installation of various devices with experience design team. We are committed to each project with professionalism to ensure that our services are of the highest standards.
Among the task that we provided are:

- ➢ Lighting systems
- ➢ Fire alarm systems
- ➢ Surveillance systems
- ➢ Security systems
- ➢ Access systems

B'SMART SYSTEM SOLUTIONS SDN. BHD.

PRODUCTS & SERVICES

PROJECT MANAGEMENT

BSMART experts have a long track record in project management. Our project management starts with a precise analysis of IT requirements to support customers from the very beginning of the project. The services cover designing the IT solution, integrating products and platforms into the organizational and technical infrastructure, implementing the systems, managing the whole project and training the new functions. The services can be extended to include constant consulting and support for on-going optimization of technical and business processes.

BSMART plays an active role in the implementation of the solution we have proposed and delivered. As the Project Manager of the implementation exercise of the said solutions, BSMART ensures that the delivery of the solution meet the requirements of our valued customer, and the solution to be delivered in disciplined, well managed and consistent manners that promote the delivery of quality product and results in projects that are complete on time and within budget. A mutually agreed Statement of Work and Project Charter by all related parties shall be the binding document to signify responsibilities of each party, scope of the work and the list of deliverables.

We use a Best Practices Project Management Methodology when engaged in consulting, implementation or development projects for our Clients. This standard methodology includes defined, repeatable processes for:

Project Definition
Project Initiation/Planning
Project Tracking and On-Going Project Management
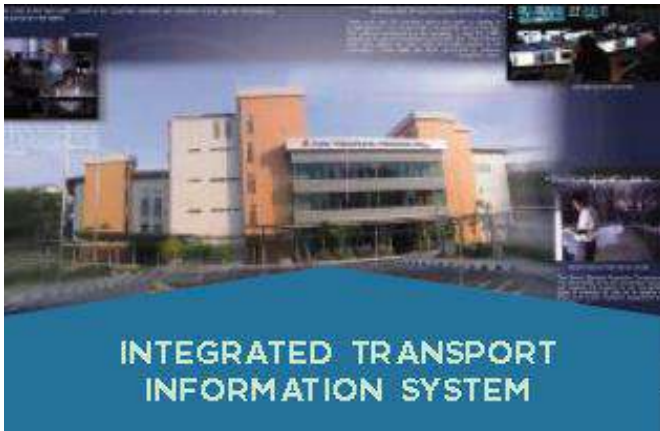**Project Completion**

These standardized project management activities provide consistent, repeatable processes for Project Teams that:

➢ Increases Client satisfaction and project quality.
➢ Improves project estimates.
➢ Reduces costs and problems within the project.

B'SMART SYSTEM SOLUTIONS SDN. BHD.

GLOBAL IOT PROJECTS

INTEGRATED TRANSPORT INFORMATION SYSTEM

INTEGRATED BUS SERVICES OPERATION

INTEGRATED TAXI SERVICES OPERATION

TRACK & TRACE SERVICE

ELECTRONIC CARGO TRACKING OPERATION

GLOBAL EXPERIENCE

B'SMART SYSTEM SOLUTIONS SDN. BHD.

PROJECT LIST

REGIONAL ELECTRONIC CARGO TRACKING SYSTEM

- To Efficient Regional Trade and Improve Revenue Collection
- RRA to launch RWF4bn cargo tracking system
- Joint Kenya, Uganda, Rwanda real-time transit cargo tracking starts in January
- East Africa Adopts Ura's Goods Monitoring System

PERFORMANCE MONITORING HUB SYSTEM

INSURANCE TELEMATIC

- Driver Drowsy Detection
- Driver Behaviour Monitoring
- In Vehicle Video Recorder

THEFT PRVENTION REMOTE ASSET MONITORING

INTEGRATION TRAFFIC INFORMATION SYSTEM

b'smart

CERTIFICATES & AWARDS

www.bsmart-solutions.com

B'SMART SYSTEM SOLUTIONS SDN. BHD.

Awards & Recognition

- 2020 URA RECTS contract extension 2020-2022
- 2020 launch of RECDTS Phase 1
- 2020 Winner of LATRA VTS maintenance
- 2020 launch of the Kenya Project
- 2020 Winner of APAD PMHS maintenance tender
- 2020 Awarded E-GATE System (EGS) Contract by edotco Group Sdn Bhd (Edotco)
- 2020 Awarded Electronic Cargo Tracking System (ECTS) Contract by ZALORA
- 202 Awarded Electronic Cargo Tracking System (ECTS) Contract by Freescale NXP
- 2020 Awarded Bus Monitoring System (BMS) Indonesia
- 2020 Awarded KTMB Locomotive and Wagon IOT Tracking Solutions
- 2019 Awarded Digital IoT Tracking System (DITS)
- 2019 Awarded Frost & Sullivan Best Practice Cargo Tracking
- 2019 Winner of KRA RECTS Phase 2
- 2019 Implementation of iCTS Phase 3
- 2019 Implementation of RECTS Extension DRC
- 2018 Implementation of iCTS Phase 2
- 2017 SUMATRA VTS device tender
- 2016 Winner of URA RECTS tender
- 2016 Winner of SUMATRA VTS tender
- 2013 Winner of URA ECTS tender
- 2013 Winner of SPAD PMHS tender

Frost & Sullivan
Best Practices Awards

Congratulations to the recipient of the

**2019 Malaysia Cargo Tracking
System Provider of the Year**

Dear Abdul Rahman Yasir,

On behalf of Frost & Sullivan, we are pleased to announce BSmart System Solutions Sdn Bhd, as the recipient of the

2019 Malaysia Cargo Tracking System Provider of the Year Award.

The Frost & Sullivan Best Practices awards have identified and honored best-in-class companies that have demonstrated excellence in their respective industries. Award recipients were identified based on in-depth interviews, analysis, and extensive secondary research conducted by Frost & Sullivan's analysts. Companies are typically studied on their revenues, market share, capabilities, and overall contribution to the industry in order to identify best practices.

For the System Provider of the Year Award, Frost & Sullivan analysts independently elucidated the following key benchmarking criteria:

1. Addressing Unmet Needs
2. Price / Performance Value
3. Implementation of Best Practices
4. Brand Equity
5. Customer Ownership Experience

With its strong overall performance, BSmart System Solutions Sdn Bhd has earned the 2019 Malaysia Cargo Tracking System Provider of the Year. We also recognize that your receipt of this award is the result of many individuals (employees, customers and investors) making daily choices to believe in the organization and contribute in a meaningful way to its future.

Once again, we congratulate you on your achievements and wish you great success in the future. We are here to support you on any future endeavors.

Thank you,

Your Sincerely,

Hazmi Yusof
Managing Director
Frost & Sullivan

KEMENTERIAN KEWANGAN MALAYSIA

SIJIL AKUAN PENDAFTARAN SYARIKAT

NO. SIJIL	:	K66496980282563275
NO. RUJUKAN PENDAFTARAN	:	357-02276108
TEMPOH SAH LAKU	:	22/05/2020 - 21/05/2023

Bahawa dengan ini diperakui syarikat :

BSMART SYSTEM SOLUTIONS SDN. BHD. (1062538-P)

UNIT 38-3-5, SHAMELIN

BUSINESS CENTRE

NO 38, JALAN 4/91, TAMAN SHAMELIN PERKASA

W.P. KUALA LUMPUR

56100 MUKIM CHERAS

WILAYAH PERSEKUTUAN KUALA LUMPUR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urusan perolehan Kerajaan adalah seperti berikut :

ABD RAHMAN BIN YASIR	661210015883	DIRECTOR
NUR IZYAN BINTI ABD RAHMAN	920315015154	DIRECTOR
MOHD SHAH BIN MAHMOD	810411015587	PROJECT DIRECTOR
MOHD SYAKIRAN BIN NOR MOHAMAD	860518295043	STAFF

t.t

DATO' ZAMZURI BIN ABDUL AZIZ

Perbendaharaan Malaysia Semenanjung

b.p. Ketua Setiausaha Perbendaharaan

Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia :   22/05/2020

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

KEMENTERIAN KEWANGAN MALAYSIA

SIJIL AKUAN PENDAFTARAN SYARIKAT BUMIPUTERA

NO. SIJIL : BP66496980282563275

NO. RUJUKAN PENDAFTARAN : 357-02276108

TEMPOH SAH LAKU : 22/05/2020 - 21/05/2023

Bahawa dengan ini diperakui syarikat :

BSMART SYSTEM SOLUTIONS SDN. BHD. (1062538-P)
UNIT 38-3-5, SHAMELIN
BUSINESS CENTRE
NO 38, JALAN 4/91, TAMAN SHAMELIN PERKASA
W.P. KUALA LUMPUR
56100 MUKIM CHERAS
WILAYAH PERSEKUTUAN KUALA LUMPUR, MALAYSIA

Telah diiktiraf sebagai Syarikat Bumiputera oleh Kementerian Kewangan Malaysia. Taraf Bumiputera bukannya hak dan boleh ditarik balik sekiranya syarikat gagal mematuhi syarat/kriteria yang ditetapkan. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Sijil Akuan Pendaftaran Syarikat Bumiputera (Lampiran C).

t.t

DATO' ZAMZURI BIN ABDUL AZIZ

Perbendaharaan Malaysia Semenanjung
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia :   22/05/2020

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

SSM

SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA
(Agensi di bawah KPDNKK)

COMPANIES ACT 2016

(ACT 777)

CERTIFICATE OF INCORPORATION
OF PRIVATE COMPANY

This is to certify that

BSMART SYSTEM SOLUTIONS SDN. BHD.
(1062538-P)

is, on and from the 18th day of September 2013, incorporated under the Companies Act 1965, and that the company is a company limited by shares and that the company is a private company.

Dated at **KUALA LUMPUR** this 18th day of September 2013.

DATO' ZAHRAH ABD WAHAB FENNER
REGISTRAR OF COMPANIES
MALAYSIA

A copy or extract issued pursuant to section 601(2).

SIRIM QAS INTERNATIONAL

SIJIL PEMATUHAN
Certificate of Conformity

KOD SYARIKAT
Company Code

B00454
(SQASI/TA/18/1278)

NO. SIRI :
Serial No. **E 068421**

NAMA SYARIKAT *Company Name*	:	BSMART SYSTEM SOLUTIONS SDN BHD (1062538-P)
ALAMAT *Address*	:	BLOCK C, UNIT 38-3-5, SHAMELIN BUSINESS CENTER, NO 38, JALAN 4/91,TAMAN SHAMELIN PERKASA, CHERAS KUALA LUMPUR, 56100, KUALA LUMPUR, KUALA LUMPUR
NO. KELULUSAN *Approval No.*	:	RDEL/01A/0418/S(18-1278)
KATEGORI ALAT *Device Category*	:	GSM 850/900/1800/1900/3G(900/2100)/GPS MODULE.
PIAWAIAN *Standards*	:	SKMM WTS GSM-MT SKMM WTS IMT-MT MCMC MTSFB TC T007:2014
JENAMA *Brand*	:	b'smart
MODEL *Model*	:	A1000 [Support: 802.11 b/g/n & Bluetooth] [1 SIM, 1 IMEI]
TARIKH KELULUSAN *Approval Date*	:	26 April 2018
TARIKH LUPUT *Expiry Date*	:	25 April 2023
TARIKH DIKELUARKAN *Issuance Date*	:	26 April 2018

Note :
Certification of Communication, Multimedia and Hybrid Equipment (Equipment) means that the product has met the requirements of the above standards. The certification of the equipment does not in itself confer a right on the certificate holder to operates the equipment.

SIRIM QAS International Sdn. Bhd.
(Company No, 410334-X)
1, Persiaran Dato' Menteri
Section 2, P.O Box 7035
40700 Shah Alam
Selangor Darul Ehsan
MALAYSIA.

Tel : 60-3-5544 6949
Fax : 60-3-5544 6912

Mohd Azanuddin bin Salleh
Pengarah Urusan
Managing Director
SIRIM QAS International Sdn. Bhd.

eTAC/FOR/04-1
Issue No. 2 Rev. 0

华科检测
HUAK TESTING

This certificate is responsible for testing sample only.
Please refer to this corresponding test report to get testing process and data.

CERTIFICATE

ATTESTATION
Certificate of Compliance

Technical file of the company mentioned below has been inspected and audit has been completed successfully

The RoHS Directive 2011/65/EU and Change-Directive (EU) 2015/863 has been taken as references for these processes.

Certificate's Holder	:	BSMART TECHNOLOGY LIMITED
Address	:	11/F Capital Centre 151 Glicester Road Wanchai HK
Manufacturer	:	BSMART TECHNOLOGY LIMITED
Address	:	11/F Capital Centre 151 Glicester Road Wanchai HK
Product Name	:	IoT Terminal
Product Model (S)	:	A1000, A1000 - M Series, A1000 - E Series, A1000 - F Series, A1000 - A Series
Trade Mark	:	BSMART
Related Directive	:	2011/65/EU and Change-Directive (EU) 2015/863
Related Standards	:	EN 62321:2012 EN 14372:2004 EPA 3540:1996
Certificate Number	:	HUAK171120374R
Report No.	:	HUAK171120374-1RR
Registration Date	:	Nov. 28, 2017

HKTC
APPROVAL

_____
Certification Manager

The information of the certificate can be checked through www.cer-mark.com. The CE mark which is shown on the certificate can only be used under the conditions that the products complete with all of the relevant Directives of EC Declaration of Conformity. The Manufacturer should be responsible for the internal production control so that the products complied with the essential requirements of the above mentioned Directive(s). Certificate holder must notify all changes to the original certification laboratory of HUAK.

RoHS

CERTIFICATE

ATTESTATION
Certificate of Compliance

Technical file of the company mentioned below has been inspected and audit has been completed successfully

The RED Directive 2014/53/EU has been taken as references for these processes.

Certificate's Holder	:	BSMART TECHNOLOGY LIMITED
Address	:	11/F Capital Centre 151 Glicester Road Wanchai HK
Manufacturer	:	BSMART TECHNOLOGY LIMITED
Address	:	11/F Capital Centre 151 Glicester Road Wanchai HK
Product Name	:	IoT Terminal
Product Model (S)	:	A1000, A1000 - M Series, A1000 - E Series, A1000 - F Series, A1000 - A Series
Trade Mark	:	BSMART
Related Directive	:	2014/53/EU
Related Standards	:	See the next page for details
Certificate Number	:	HUAK171120655E

HKTC
APPROVAL

Certification Manager
Nov. 28, 2017

The information of the certificate can be checked through www.cer-mark.com. The CE mark which is shown on the certificate can only be used under the conditions that the products complete with all of the relevant Directives of EC Declaration of Conformity. The Manufacturer should be responsible for the internal production control so that the products complied with the essential requirements of the above mentioned Directive(s). Certificate holder must notify all changes to the original certification laboratory of HUAK.

CE

HUAK TESTING
华科检测

CERTIFICATE

Applied Standards and Test Reports:

Specification	Test Report Number
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	HUAK171120655-1SR
EN 62311:2008	HUAK171120655-2EH
EN 301 489-1 V2.2.0 (2017-03) EN 301 489-17 V3.2.0 (2017-03) EN 301 489-52 V1.1.0 (2016-11) EN 55032:2015 / EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3:2013	HUAK171120655-1ER
ETSI EN 301 511 V12.5.1 (2017-03)	HUAK171120655-2ER
ETSI EN 301 908-1 V11.1.1 (2016-07) ETSI EN 301 908-2 V11.1.2 (2017-08)	HUAK171120655-3ER
ETSI EN 300 328 V2.1.1 (2016-11)	HUAK171120655-4ER
ETSI EN 300 328 V2.1.1 (2016-11)	HUAK171120655-5ER
ETSI EN 300 328 V2.1.1 (2016-11)	HUAK171120655-6ER

HKTC
APPROVAL

Certification Manager
Nov. 28, 2017

The information of the certificate can be checked through www.cer-mark.com. The CE mark which is shown on the certificate can only be used under the conditions that the products complete with all of the relevant Directives of EC Declaration of Conformity. The Manufacturer should be responsible for the internal production control so that the products complied with the essential requirements of the above mentioned Directive(s). Certificate holder must notify all changes to the original certification laboratory of HUAK.

CE

b'smart