



BSMART Internet of Thing Solutions (b'ITS), designed on a high performance and versatile proprietary BSMART Access Terminal (b'AT) architecture and BSMART Management Console (b'MC) software platform, provides a wireless communications and positioning system designed for the collection and dissemination of data, with feasible applications including:

- Commercial vehicles for in-transit visibility, routine automation, fraud prevention as well as goods and vehicle safety
- Private vehicles for in-vehicle information services, emergency assistance, security and safety, navigation and entertainment needs.
- Public vehicles Telematics for driver behavior monitoring as well as maintenance cost control
- Institutional vehicles Telematics for fleet maintenance reminder and validation as well as driver behavior monitoring.

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www.bsmart-solutions.com

BSMART Service Delivery Offering

Research & Consultancy



BSMART is a leading independent provider of market research and consultancy in the Global Telematics Services Industry.

Design & Development



BSMART focused on technology and development for more than 20 years on our core strengths in our business.

Implementation & Training



With over 100 Developers to provide the best project designs, the resources and the expertise to make your Telematics Services business a success.

Operation & Optimization



Project Management Plan (PMP). Business Operations Management Methodology. Strategic Business Planning Methodology. Business Process Design Methodology.

Support & Maintenance



A complete outsourcing model bundled with all Hardware and Software Infrastructures, Support, Maintenance & Upgrade Provision.

Awards, Recognitions, Rewards, Quality Assurance & Certification

Awards

- 2020 URA RECTS contract extension
- 2020 launch of RECDTS Phase 1
- 2020 Winner of LATRA VTS maintenance
- 2020 Winner of APAD PMHS maintenance
- 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
- 2019 Frost and Sullivan Best Practices Award - Malaysia Cargo Tracking System Provider of the Year
- 2018 Implementation of iCTS Phase 2
- 2017 Implementation of iCTS Pilot
- 2017 SUMATRA VTS device
- 2016 Winner of URA RECTS
- 2016 Winner of SUMATRA VTS
- 2013 Winner of URA ECTS
- 2013 Winner of SPAD PMHS
- 2010 MSC Malaysia APICTA - Best e-Logistics Award
- 2010 APICTA - Best e-Logistics Merit Award

- Member of ARTIFICIAL INTELLIGENCE FOR SMEs (AI4S)
- 2009 Winner of Deloitte Technology Fast 500 Asia Pacific Program
- 2009 Top 2 Nominees of Ernst & Young Technology Entrepreneur
- 2008 Winner of Deloitte Technology Fast 500 Asia Pacific Program
- 2008 MSC Malaysia APICTA - Best e-Logistics Award
- 2007 Business of The Year Award - Emerging Company
- 2006 Winner of Malaysia Good Design Mark Award
- 2005 Winner of Merit Award for Best Young Asian Supply Chain Solution Provider Award for SCM Logistics Excellence Awards
- 2005 MSC Malaysia APICTA - Best Communication Application
- 2005 IPTA R&D expo competition Gold Medal Award
- 2005 Gold Medal for British Invention of International Award

- iButton Authorized Solutions Developer
- International Product Certifications: Malaysia, South Africa, Indonesia, Oman, Abu Dhabi & etc
- ACE Assurance Global Product Liability Coverage up to RM1,000,000.00
- R&D initially is funded by MOSTI (Ministry of Science, Technology & Innovation) under Industrial Grant Scheme (IGS)
- Commercialization is subsequently funded by MTDC (Malaysian Technology Development Corporation) under CRDF Fund
- 2nd generation development is funded by MDC (MSC Development Corporation) under MGS Fund
- 13 Patents Filed
- 5 Local and International Certification Awarded
- Operate 10 Monitoring Centres

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Distributor:

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BSMART Performance Monitoring System

Green Telematics



BSMART Performance Monitoring System

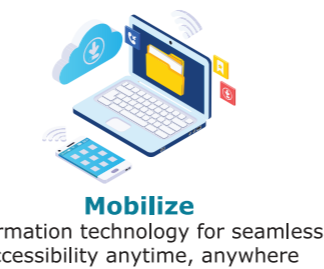
b'PMS strategy is to deliver optimized of assets utilization made through efficient deployment and improve schedule adherence via **BSMART Performance Monitoring System (b'PMS)**. **b'PMS** enable real-time assets visibility, improve Intermodal Logistics Performance Monitoring by provides comprehensive event collection and tracking of process flow of Shipping Line, Port Authority, Logistic Provider, Customs during intermodal freight transportation.

Key Features

- **Integrated Performance Monitoring:** Equipment fuel usage and utilization, containers & motor vehicle units turn around, truck turnaround.
- **Real Time Container Tracking:** Realtime monitoring of containerized Cargo, Motor Vehicle units and equipment in the port from offloading from the vessel, placement in the yard, movement to the importer's premises to when a container is delivered to the empty container depot.
- **Cashless Container Guarantee** to the shipping line to eliminate the high container deposit with a view of reducing costs of doing business thereby rendering port authority as a port of choice.
- **Competitive Truck Booking** that allows a cargo owner to request for a truck (registered by Port Authority), book to pick a container from the port, delivery to the cargo owner and return of empty containers at defined last mile tariffs.
- **Seamless Smart Controls:**
 - a) Automatic Number Plate Recognition and Container Number Recognition to allow secure trucks, containers and units movements at the gates; as well as driver and port users recognition
 - b) Live Video Surveillance that provides live bird eye view on movement of vessels and view of trucks waiting to access the port to better managed port congestion

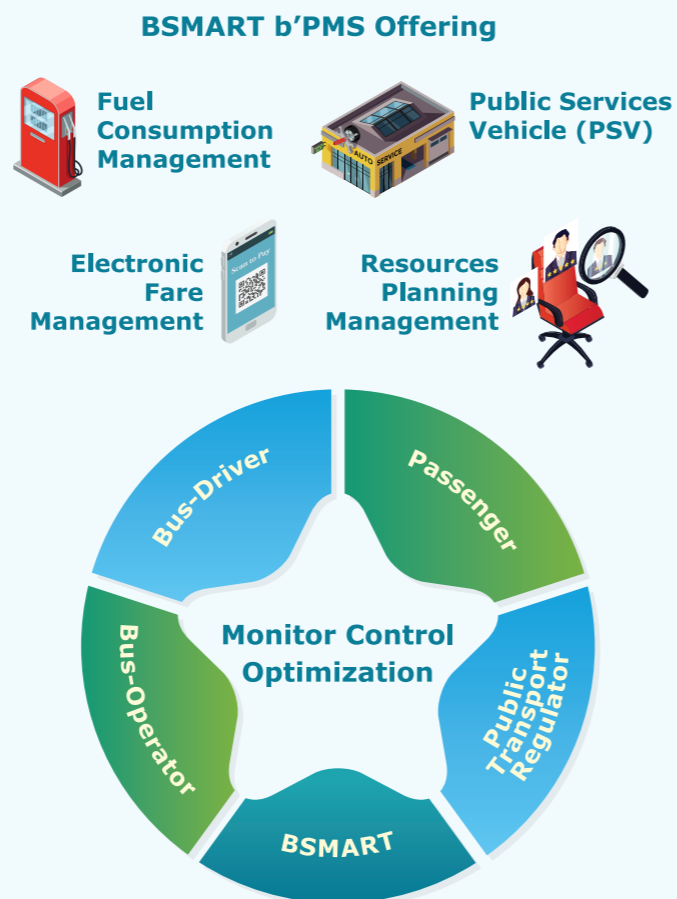
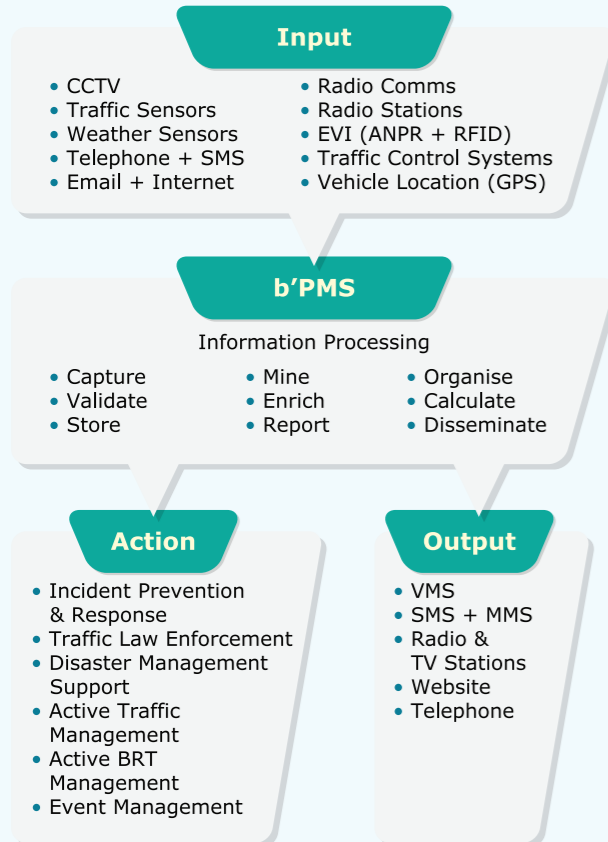
b'PMS improves customer service and satisfaction by enhancing and complementing operational processes, which provide crucial support for informed decisions and consistent management.

BSMART Managed b'PMS Strategy

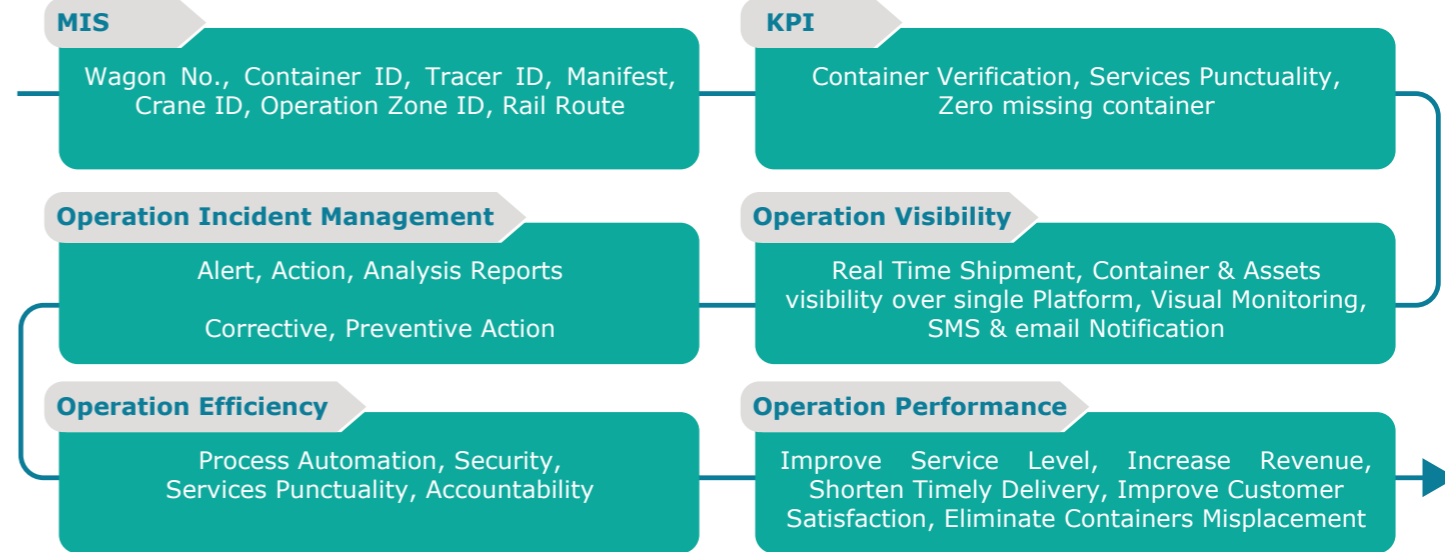


BSMART b'PMS Continuous Improvement Strategy

The Practical Approach



iPMS



Integrated Performance Monitoring

