ISO 39001
Road Traffic Safety (RTS) Management Systems

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Who is BSI?

By Royal Charter

- **Leading Global Standards Creation Body:** British, European, ISO, Public, Private

- **The UK National Standards Body:** The source of British Standards

- **Specialist Focus** on Standards Creation, Training and Certification

- **Global Network**: 72,000 clients in 150 countries worldwide including governments, global brands and SME's

- **Experienced**: The world's first National Standards Body established in 1901 and a founding member of ISO

- **Thought Leaders**: Shaped the world's most adopted standards, incl. ISO 9001, ISO 14001, OHSAS 18001

- **Trusted**: We're a Royal Charter Company, reinvesting profits back into our business to improve our clients' experience

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Our Standards experience

BSI GROUP Major ISO expertise and recognized worldwide

Année	BSI Standard	Norme ISO
1987	BS 5750	ISO 9001 **(Quality Management)**
1992	BS 7750	ISO 14001 **(Environmental Management)**
1995	BS 7799	ISO/IEC 27001 **(Information Security)**
1996	BS 8800	OHSAS 18001 / AS/NZS 4801 **(Occupational Health and Safety)**
2000	BS 8600	ISO 10002 **(Customer Satisfaction. Complaints Handling)**
2002	BS 15000	ISO/IEC 20000 **(IT Service Management)**
2002	TS 16949	ISO/TS 16949 **(Automotive)**
2009	BS EN 16001	ISO 50001 **(Energy Management)**
2009	BS 5750	AS 9100 **(Aerospace)**
2012	BS 25999	ISO 22301 **(Business Continuity)**
2012	BS 8901	ISO 20121 **(Sustainable Events)**

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A truly global brand and network – trusted and recognized

- **Clients in 150 countries**
- **67 offices worldwide**
- **3 regional hubs in UK, US and Hong Kong**
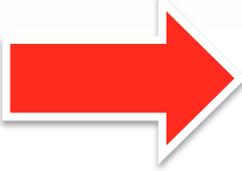
- **Global key account management**
- **Facilitating governance, risk & compliance**
- **Certifying and verifying global suppliers**
- **Stimulating international trade**

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Purpose of a Road Traffic Safety Management System?

'Specifies requirements to enable an organization, that interacts with the **road traffic system**, to reduce death and serious injuries related to **road traffic crashes** which it can influence'

ISO 39001 (1 Scope)

ISO 39001

- ISO 39001 is a management system for the safety of road traffic whose purpose is to reduce the number of serious and fatal accidents

- Governments need the support of laws and rules to take action on the issue of road safety

- ISO 39001 also has a social role: safer mobility and in accordance with the requirements of the standard brings security benefits for the whole society. That's why, as all of the new generation standards, ISO 39001 contributes to the **Societal Security**

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Audience

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Benefits Identified Within ISO 39001

Improve RTS performance

Establish, implement and maintain an RTSM System (RTSMS)

Assure itself of conformity with its stated RTS policy

Demonstrate conformity with ISO 39001
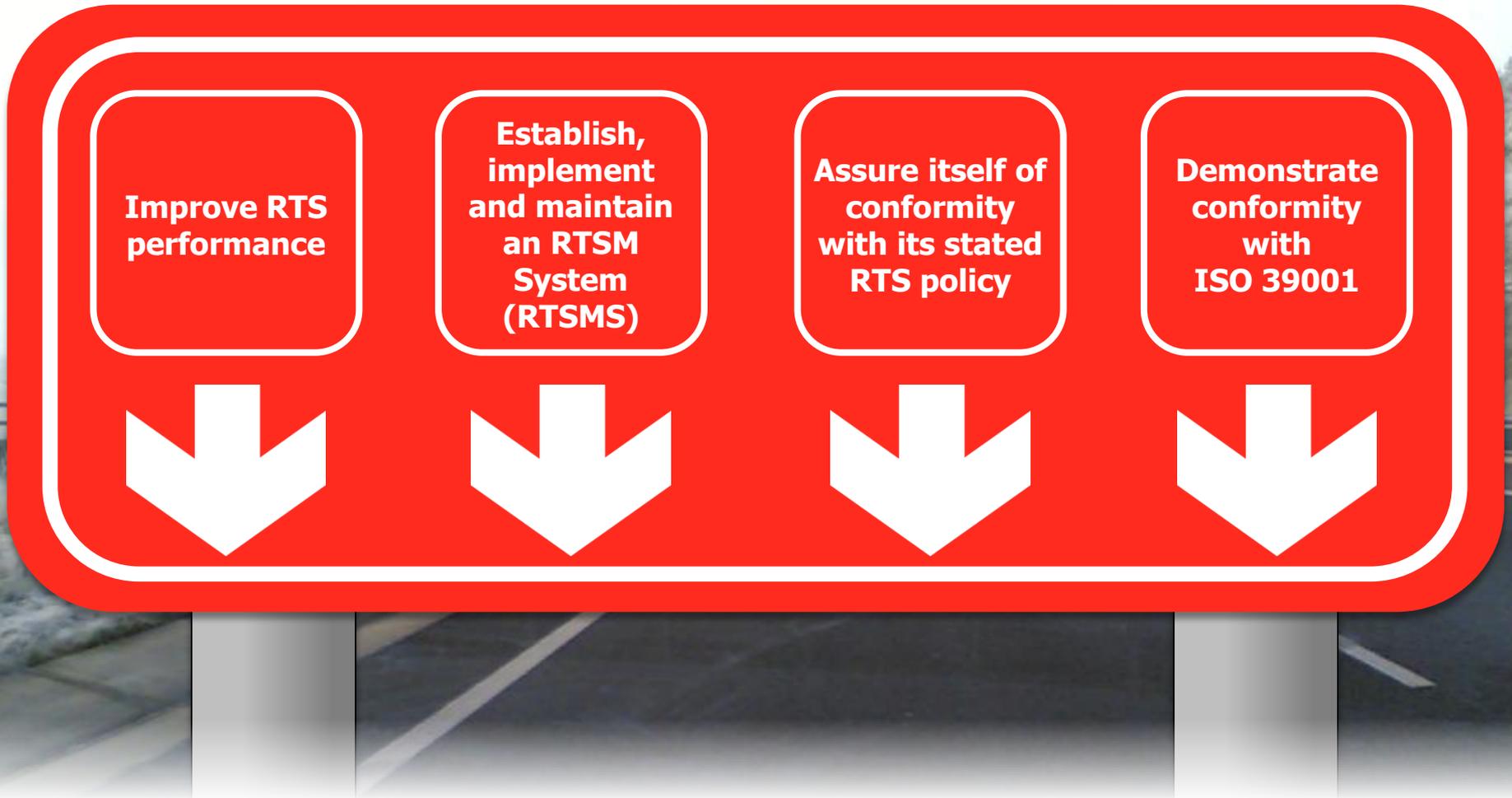
Other Benefits of ISO 39001

Reduce risk of being sued for negligence

Reduce accidents

Reduce staff absence

Promotional purposes

ISO 39001

Reduce repair bills

Tender / competitive advantage

Improve corporate social responsibility credentials

Reduce insurance premiums

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Context of the organization

- The context of the organization which requires the organization to determine their external and internal issues that affect its RTSMS

- The organization needs to identify its role in the road traffic system and any activities, processes and functions that can have an impact on road traffic safety

- There is a requirement also to determine relevant interested parties and the needs of these interested parties

- Legal and other requirements also need to be addressed

- This will lead to the determination of the scope of the RTSMS and its establishment

Leadership

- Key requirements include: policy, objectives, resources, interested parties, legal compliance, RTS performance and continual improvement of the RTSMS

- Organizational roles, responsibilities and authorities

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RTS performance factors

- ## Risk exposure factors
  - Traffic volume and traffic mileage by vehicle and road user type
  - Volume of product and/or service provided by the organization

- ## Final safety outcome factors
  - The number of deaths and serious injuries

- ## Intermediate safety outcome factors
  - The safe planning, design, operation and use of the road network
  - The safe entry and exit of vehicles and road users to the road network
  - The recovery and rehabilitation of road traffic crash victims for the road network

Emergency preparedness and response

- Organizations shall respond to actual death and serious injuries caused by road traffic crashes/incidents in which the organization is involved

- Where practicable steps should be taken to prevent or mitigate adverse associated impacts on road traffic safety

- Procedures should be periodically reviewed and revised (where necessary), in particular after such occurrences of deaths and serious injuries

- Periodic tests to demonstrate the effectiveness of these procedures are also required where practicable.

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# Road traffic crash and other road traffic incident investigation

- Procedure required to record, investigate and analyse RTC's and other incidents in which the organisation is involved, that lead (or have the potential to lead) to death and serious injuries of road users, in order to:

- Determine the underlying factors that it can control and/or influence, that can be causing or contributing to the occurrence of those incidents

- Identify the need for corrective action and any opportunities for preventive action

- Investigations to be performed in a timely manner and results documented and maintained

- Corrective & preventive actions

Improvement

- Nonconformities have to be dealt with together with corrective actions to ensure they don't happen again

- As with all management system standards, continual improvement is a core requirement of the standard

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ISO 39001 Assessment Certification Process

Training

Pre-Assessment

Certification

Project Management

Valorization

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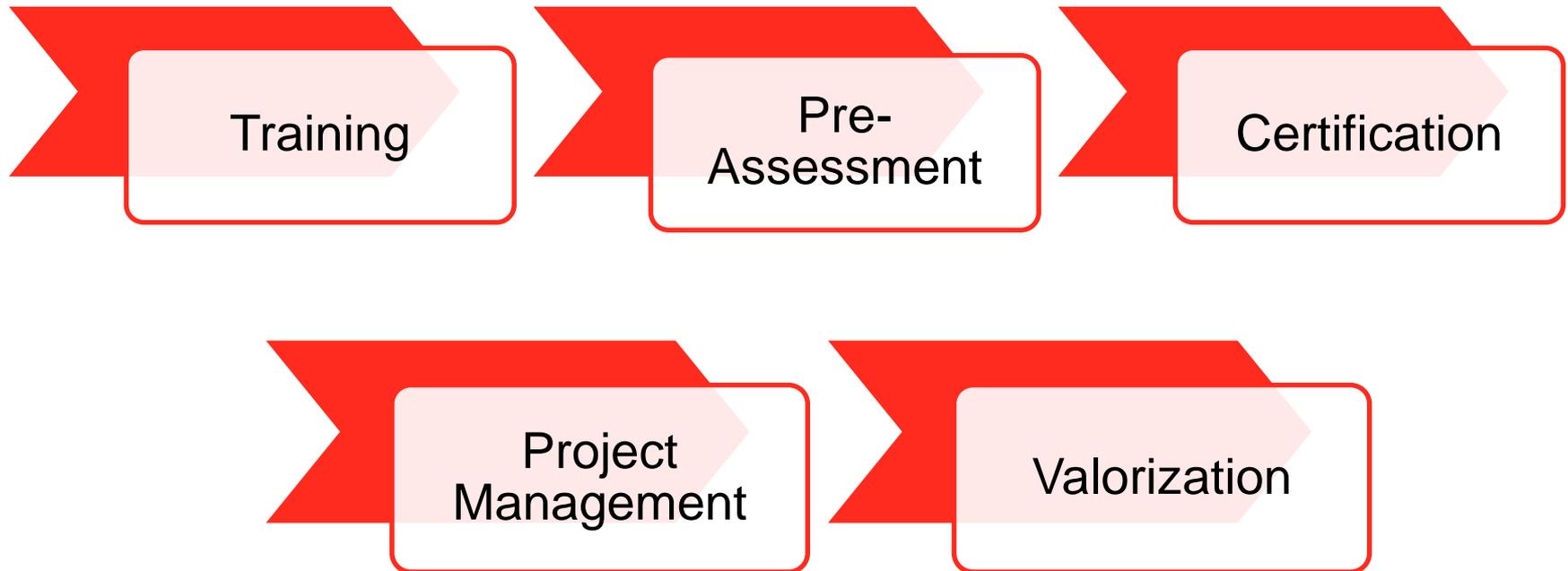
BSI experience

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BSI ISO 39001 Certificates

Company	Country	Purpose
The Mark Group	UK	The installation of cavity wall insulation, external wall insulation, loft insulation, the design and installation of renewable energy sources and energy efficient solutions.
Daisyo – Kogyo	Japan	Collection and transportation of general waste /Collection, transportation and intermediate treatment of industrial waste /Manufacture and sales of solid fuel (RPF) /Cleaning and maintenance of underground tank, septic tank and water storage tank /Maintenance of various water treatment plant /Civil engineering work
Delhi International Airport Pvt. Ltd.	India	Design, development, repair & maintenance of road networks and management of traffic, signage & parking within preview of DIAL managed Landside road networks with respect to Terminal 1, Terminal 2 & Terminal 3 of Indira Gandhi International Airport.
Nikhara Motors Private Limited	Japan	Manufacture and Supply of Electric Motor & Generator ranging (10w - 10Kw)
Occidental of Oman, Inc.	Oman	Minimizing road traffic crashes and incidents among Oxy employees and contractors driving through Oxy operations areas and on road between the field and Muscat office and provide save driving environment within Oxy and its contractors.

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BSI ISO 39001 Certificates Examples

Company	Country	Purpose
Sogo Taxi	Japan	The passenger transport business by taxi
SYOEI LOGISTICS Co., Ltd.	Japan	Logistics, Warehousing and Moving services
Vodafone Telekomunikasyon A.S.	Turkey	Mobile communications through IT services, installation, facility management, sales, distribution and maintenance managed by Headquarters.
WATANABE Butsuryu	Japan	Land Transport Services and Warehousing Services
Yamazaki Jari Shoten	Japan	1. Collection and Transportation, Intermediate treatment and Final disposal of Industrial Waste 2. Collection and Transportation of Contaminated Soil 3. Transportation of Aggregates and Transportation of Civil Engineering works 4. Collection and Transportation Waste of Demolition works
Conway	UK	The construction of civil engineering works and associated activities

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Case studies

Mark Group

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Mark Group

- Mark Group (MG) is a British multinational founded in 1974 with over 1,500 employees and a fleet of 1,000 vehicles for the carriage of solutions for domestic energy efficiency

- Transports and installs about 6,000 isolation facilities every week

- Mark Group is committed to road safety and has established a system for the management of the organization that is an integral part of its management system for the health and safety of workers

- A steering group was set up with members of BSI and MG who has done a gap analysis on the systems on which is based the final version of the standard

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Starting situation

- Activities with impact on road management:
  - Installation
  - Transportation
  - Sale

- Activities that interact with the road network <u>not controlled </u>by MG
  - Employee travel to and from the workplace
  - Delivery of products and consumer goods in the workplace
  - Collection of waste material

- A summary of the activities that best describe the interactions of Mark Group are:

  - Use of the system of road transport of employees to and from work
  - Transport of goods and passengers in the system of road traffic carried by the organization or contracted out to other organizations

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Results (tentative)

- Benefits of the introduction of lo-loader in a year
  - 19 accidents less at work = £21,650
  - 72 road accidents less = £13,000
  - 10% reduction in costs for fuel (£333,534)
- Through the training program and incentives are provided for general savings of 10% in particular for :
  - Repair costs
  - Damage to other vehicles (estimated by the insurance company)
  - Accidents
  - Administration time and operational management
  - Fuel costs

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Case studies

Vodafone - Turkey

Vodafone

- Vodafone Telekomunikasyon A.S. has approximately 3,300 employees in Turkey

- In the HQ are 962 FTEs, while the remaining staff is deployed in 9 regional sites

- The purpose of certification is "mobile communication services through IT, installation, facility management, sales, distribution and maintenance managed by HQ."

- Vodafone Turkey currently operates a fleet of shuttle buses 252, 670 vans and company cars

- Vodafone Turkey has implemented a management system that complies with both the ISO 27001 to ISO 22301 for about two years and is committed to developing a RTSMS since June 2013

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Communication

- The first company in Turkey to be certified ISO 39001
- Seventh company in the world to have obtained this certificate in order to reduce road accidents

- Main interventions:
  - Operations from the point of view of the road traffic
  - Analysis of security risks
  - Use of 116,000 vehicles
  - Safety procedure reviewed in accordance with current legislation
  - Provided training for road safety

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