IATF 16949
Automotive Quality Management

Product Guide

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British Standards Institution

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IATF 16949
What is Automotive Quality Management?

IATF 16949 is the globally recognized quality management standard for the automotive industry. It brings together standards from across Europe and the US and provides a framework for achieving best practice with regards to the design and manufacture of products for the automotive supply chain.

The standard has been developed by the International Automotive Task Force (IATF) and brings together common processes from across the industry sector. IATF comprises of nine member vehicle manufacturers - Ford, GM, Chrysler, BMW, VW, Daimler, Renault, PSA Peugeot Citroen and Fiat - along with national automotive trade organizations from USA, UK, France, Germany and Italy.

IATF 16949 is based on the internationally recognized quality management system standard, ISO 9001, and promotes continual business improvement by emphasizing defect prevention and reducing variation and waste in the supply chain.

Certification to IATF 16949 is often a requirement for doing business internationally in the automotive sector - not only does it help open up global business opportunities, but is now considered a robust management tool to help organizations within the industry grow, compete and succeed.

How can IATF 16949 help your business?

The automotive industry has long been one of the most efficient and productive sectors within the global economy as a result of quality management techniques. Whether you're looking to operate internationally or expand locally, certification to the standard provides firm evidence that your management system meets the exact requirements of the automotive sector. IATF 16949 standard is proven to help deliver tangible commercial improvements such as:

- **Enhanced corporate reputation** – by demonstrating compliance with industry and legal requirements

- **Improved customer satisfaction** – through delivery of products that consistently meet customer requirements

- **Ability to win more business** – via more efficient access to global markets and new business and investment prospects

- **Improved operational processes and greater efficiency** – through implementation of a single management system and reduced audit requirements

- **Improved risk management** – through greater consistency and traceability of products and services

An **IATF** 16949 package need not be expensive and can include only the products and services that you require

Shaping IATF 16949 to fit the needs of your business

IATF 16949 is used by automotive companies of all types and sizes. BSI recognizes however that each organization will take a different approach when it comes to quality management. Introducing **IATF** 16949 need not be an expensive process - we'll help you shape a project plan with the systems you already have in place and can also accommodate the requirements of smaller organizations who may have different challenges. An **IATF** 16949 management system can be integrated with ISO 9001 Quality Management, ISO 14001 Environmental Management and BS OHSAS 18001 Occupational Health and Safety Management.
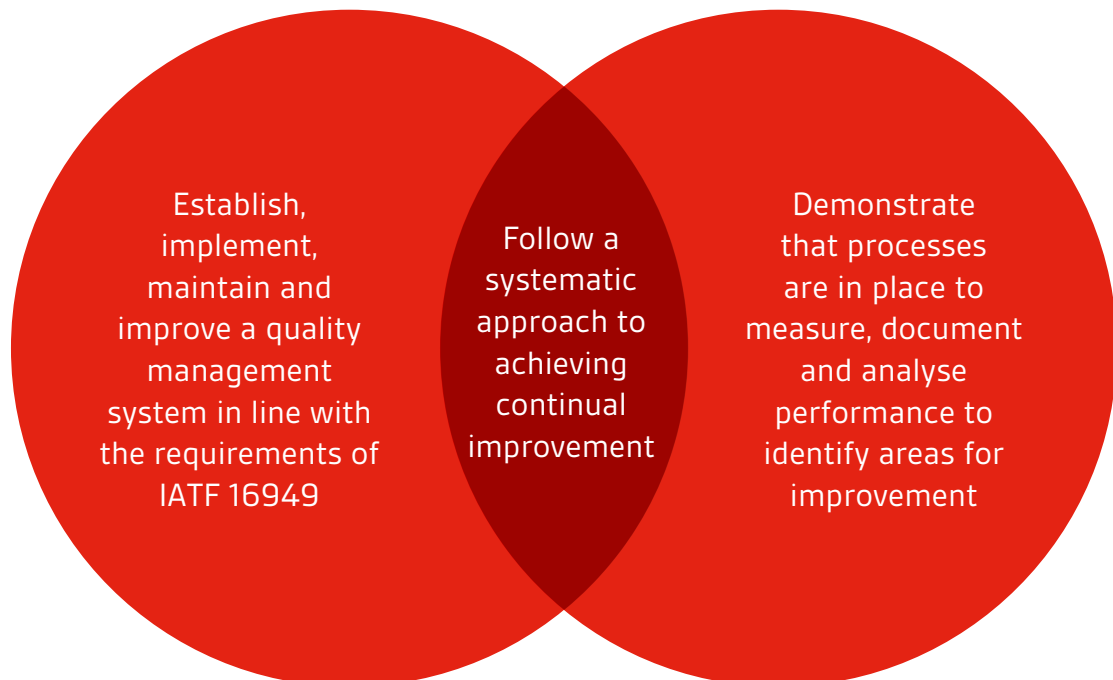
Getting started with IATF 16949

IATF 16949 is applicable to any organization regardless of size or geographical location. While the standard sets out a best practice framework for automotive quality management, it is written in a way which gives you flexibility to adapt it to meet your individual business objectives.

Essentially **IATF** 16949 requires you to demonstrate that you have a systematic approach to quality management specific to the automotive industry. Once you have put processes and procedures in place to achieve this, the standard then asks you to review and improve your system to ensure on-going best practice and a commitment to continual improvement.

Purchasing a copy of the standard is your first step. The standard details the processes you will need to put in place in order to meet the requirements of **IATF** 16949.

Learn more about the standard and guides available at **bsigroup.com/shop**

The principal requirements of the standard are illustrated below:

Establish, implement, maintain and improve a quality management system in line with the requirements of IATF 16949

Follow a systematic approach to achieving continual improvement

Demonstrate that processes are in place to measure, document and analyse performance to identify areas for improvement

The next few pages of the guide takes you through the Plan-Do-Check-Act (PDCA) methodology, common in all ISO management systems and how BSI can help and support you on your **IATF** 16949 journey.

Understanding the principles of continual improvement

The Plan-Do-Check-Act (PDCA) cycle is the operating principle of all ISO management system standards, including **IATF** 16949.

By following this cycle, you can effectively manage and continually improve your organization's effectiveness.

Whether you are the managing director setting the direction of the business, or an individual focusing on a specific task, the PDCA cycle is very useful in achieving continuous improvement.
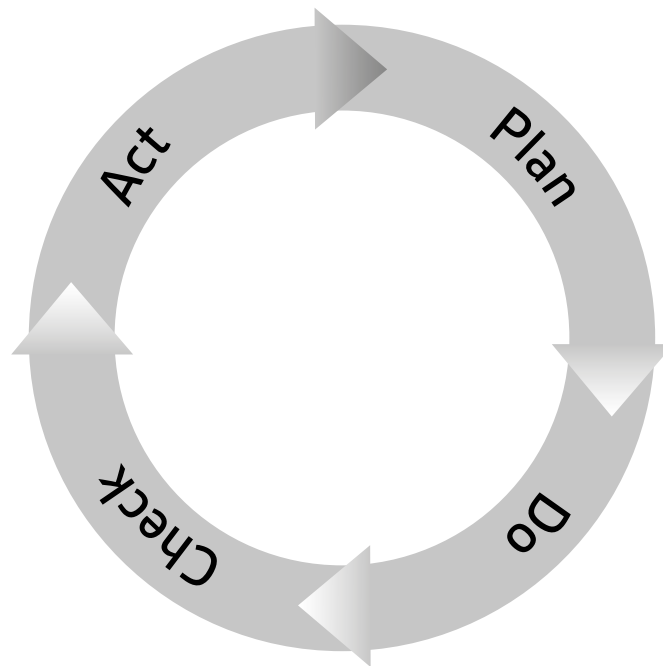
The four phases in the Plan-Do-Check-Act Cycle involve:

Act
Correct and improve your plans to meet and exceed your planned results

Plan
Establish objectives and draft your plans (analyse your organization's current systems, establish overall objectives, set interim targets for review and develop plans to achieve them)
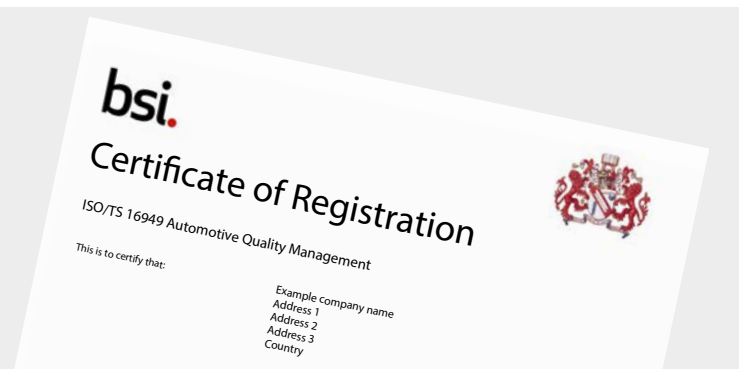
Check
Measure and monitor your actual results against your planned objectives

Do
Implement your plans within a structured management framework

10 tips on making IATF 16949 **work for you**

1. Top management commitment is vital for the system to be introduced successfully. Make sure senior managers are actively responsible, involved, approve resources and agree to the key processes.

2. Make sure your whole business and supply chain are committed to business improvement and engage them with a sound communications strategy.

3. Establish a competent and knowledgeable implementation team to deliver best results, sharing roles and responsibilities.

4. Review systems, policies, procedures and processes you have in place at the moment. Then compare them with what IATF 16949 asks for. Get supply chain and stakeholder feedback on your current quality processes.

5. Adapt the basic principles of IATF 16949 standard to your specific business objectives and environment.

6. Clearly lay out a well-communicated plan of activities and timescales. Make sure everyone understands them and their role in achieving them.

7. Consider using BSI's Entropy™ Software to manage your system which is configured to help you achieve sustained compliance with key IATF 16949 requirements.

8. Train your staff to carry out internal audits, which can provide valuable feedback on potential audits and opportunities for improvement.

9. Encourage your supply chain to become certified to IATF 16949 to benefit from a robust end to end system.

10. Regularly review your IATF 16949 management system to make sure it remains appropriate, effective and delivered continual improvement.

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Certificate of Registration
ISO/TS 16949 Automotive Quality Management
This is to certify that:

Example company name
Address 1
Address 2
Address 3
Country

How BSI **supports you** throughout the implementation of IATF 16949

Speak to someone at BSI to help you understand the process

If you are new to management systems then we know this may seem rather daunting at first. But don't worry – just pick up the phone to speak to one of our people. We can turn jargon into English and put you on the right track for success – **simply call +62 21 80649 600.**

Commit to best practice and start making excellence a habit

Once we have received your application, we will identify the best people to assist you on your journey – those that know your industry sector and will clearly understand your specific challenges. We also have some useful self-assessment tools to help you get started.

Engage your team and the rest of the organization

Success will depend on a team effort so get the backing of your organization by helping them understand how they can contribute to the system. Consider whether people have the necessary skills and if not equip them accordingly.

Get ahead with pre-assessment and identify potential loopholes

Many BSI clients like to get reassurance that they are on the right track before committing to the official stage 1 assessment. At your discretion, BSI will carry out an optional 'gap-analysis' or pre-assessment visit to help you identify any weaknesses or omissions prior to the formal assessment.
Call our team on +62 21 80649 600 to book a pre-assessment

Celebrate the achievement of your official IATF 16949

BSI will assess your management system in two stages. Our 'Stage 1' visit will involve the review of the system against the requirements of the standard. 'Stage 2' is simply a follow-up to check that you have corrected and progressed any issues raised in the first stage. Now is the time to celebrate your success.

Use your certificate to promote your business

Once certified, you'll be able to make your own mark by displaying the BSI Assurance Mark. It's a valuable marketing tool that you can use to promote your organization, differentiate you from your competitors and win new business.

Help for continuous improvement

BSI's support extends far beyond the issue of a certificate. Your certificate is valid for three years however our team will continue to work with you to ensure that your business remains compliant and you strive for continual improvement. If you are interested in additional scheme or integrating your system, BSI can help.
Talk to your client manager or call our team on +62 21 80649 600

We know IATF 16949;
BSI shaped the original standard.

BSI...

- Shaped the original standard that is now IATF 16949 and continues to lead the development of related standards

- Has the most highly trained and knowledgeable assessors

- Offers the widest range of support solutions in the market place

- Is the number one certification body in the UK, USA and Korea

- Looks after more than 70,000 global clients

- Has an unrivalled International reputation for excellence

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bsi. The BSI Assurance Mark is an effective marketing tool for you to promote your certification