

IATF 16949

QUALITY MANAGEMENT SYSTEM FOR THE AUTOMOTIVE INDUSTRY



SGS

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The state of the automotive industry

The **global automotive industry** faces numerous challenges.

Manufacturers and suppliers must respond to increased competition, disruptive markets and technological advances while consumers want new technologies.

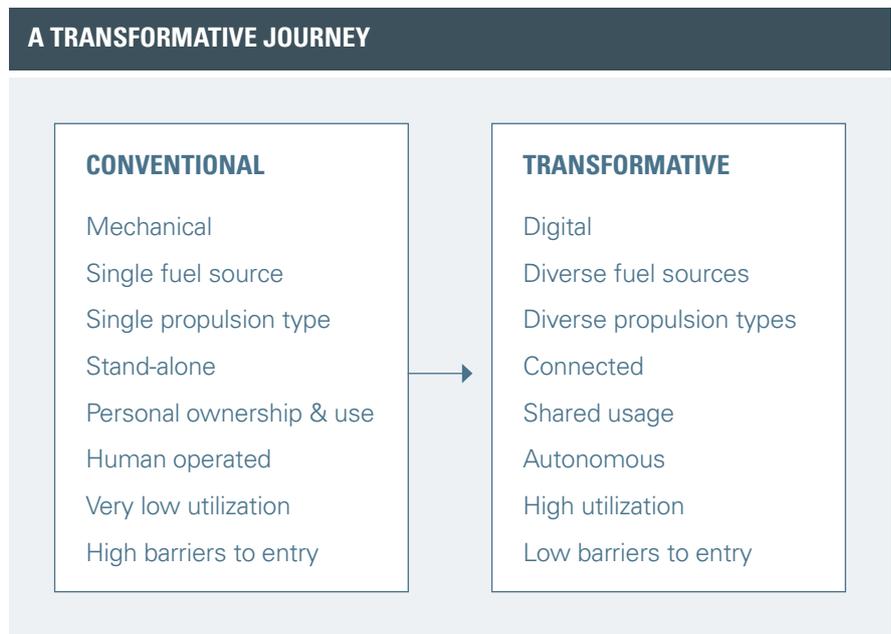
Global markets also mean that manufacturers must contend with increased complications due to longer supply chains. These include different regional requirements, sustainability demands and trade policies.

EXTERNAL FACTORS IMPACTING THE INDUSTRY

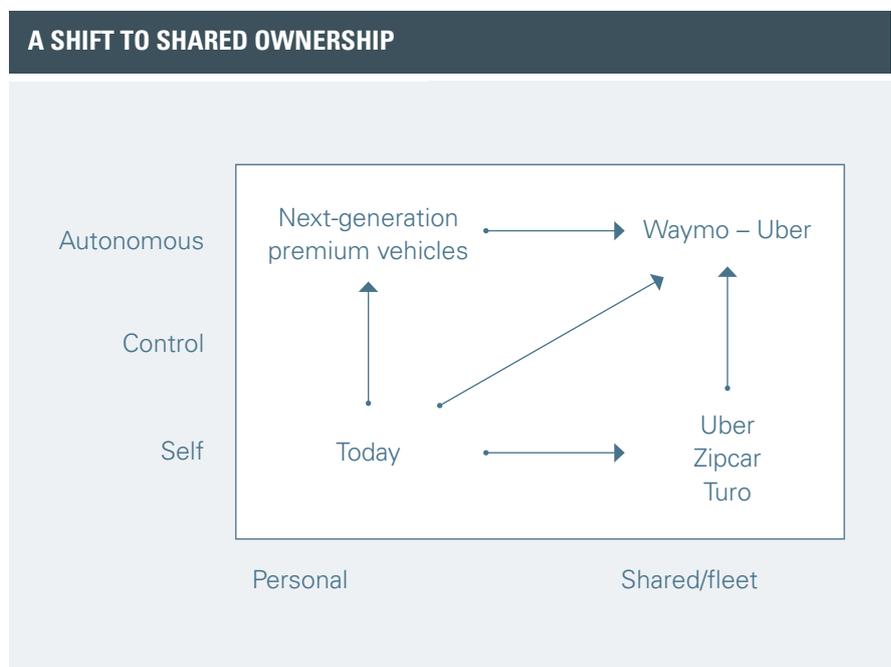
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CHANGING MARKETS
- 
SUSTAINABLE TECHNOLOGY
- 
EVOLVING CUSTOMER NEEDS
- 
COMPETITION

The industry's DNA is changing

According to the International Automotive Task Force (IATF), the global automotive industry is changing thanks to new technologies, including electric and connected vehicles, and shared-ownership schemes.



More people believe that the best path to scale is via shared fleets and not private ownership.



Linking pain points to business impact

For a holistic understanding of potential industry risks, we developed a methodology that utilizes our compliance data to identify the main pain points and business impact events.

Analysis based on IATF 16949

IATF 16949 has 42,000 data points and our analysis was based on the standard's data.

Key industry findings

Our analysis indicated that the riskiest events revolved around product quality and customer satisfaction, including:

-  Product recall and nonconformity
-  Customer complaints
-  Cost increases
-  Logistics delays



42,000

IATF 16949 has 42,000 data points

The industry pain points

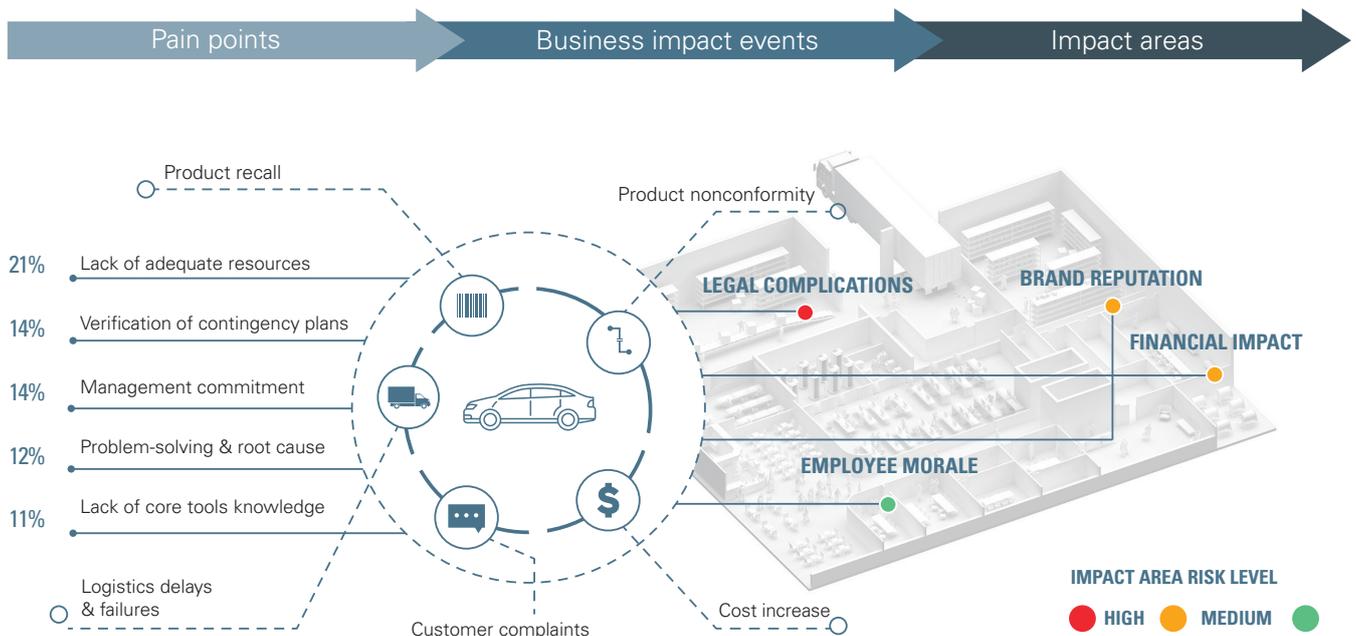
Using our automotive industry analysis, we can find trends in your data points to detect threats and improvement areas.

Each standard clause and its data points are reviewed, allowing us to determine the top pain point areas an automotive manufacturer might face.

Our methodology identifies the top-five industry pain points. Our technical and industry experts then map each point to the most likely

event that can negatively affect operations. These events allow us to identify the risk level of the four main impact areas of an organization.

This diagram highlights this process and identifies legal considerations as the highest risk factor.



Why IATF 16949?

What is IATF 16949?

The standard better defines quality management system (QMS) requirements for automotive industry organizations, including those involved in production, service or accessory parts.

It aligns with and refers to ISO 9001. The IATF maintains strong cooperation with ISO by continuing liaison committee status, ensuring continued alignment with ISO 9001.

Key benefits

IATF 16949's benefits include:

-  Simplified language and a common structure of terms
-  Emphasis on defect prevention
-  Support for continual improvement
-  Automotive industry-specific requirements and tools
-  Reduced supply chain variation and waste

IATF 16949 was developed by the **IATF**, an ad hoc group of automotive manufacturers and their respective national automotive industry associations.

Cutting to the core

Some core concepts

-  The context of your organization
-  Interested parties
-  Issues, risks and opportunities
-  Leaders and risk owners
-  Threats and opportunities
-  Communications
-  Documented information
-  Performance evaluation
-  Operational planning and control
-  Nonconformity and corrections

IATF 16949 contains several core concepts that, if implemented correctly, can help to enhance your organization.

Implementing IATF 16949

Key implementation considerations



Ensure organization-wide support and commitment, including leadership team, employees and supply chain



Regularly engage your leadership team and interested parties



Compare your existing systems with the new requirements



Obtain supply chain and interested parties' feedback on current systems



Create an implementation team



Define roles, responsibilities and schedules



Start with the basic principles



Use training and incentives to encourage employee involvement



Support your supply chain to certify in IATF 16949



Regularly review the system to ensure continual improvement

It is essential that IATF 16949 is **implemented correctly** to reap all of the rewards.



Why our IATF 16949 services?

With expertise in all major industries, we understand each sector's pain points and have the technical skills and logistical capabilities to ensure realistic outcomes.

What we offer

An audit against IATF 16949 from SGS will help your organization to stand out from the crowd by supporting you to improve product quality, reduce waste and prevent defects.

In addition, we offer a range of complementary services:

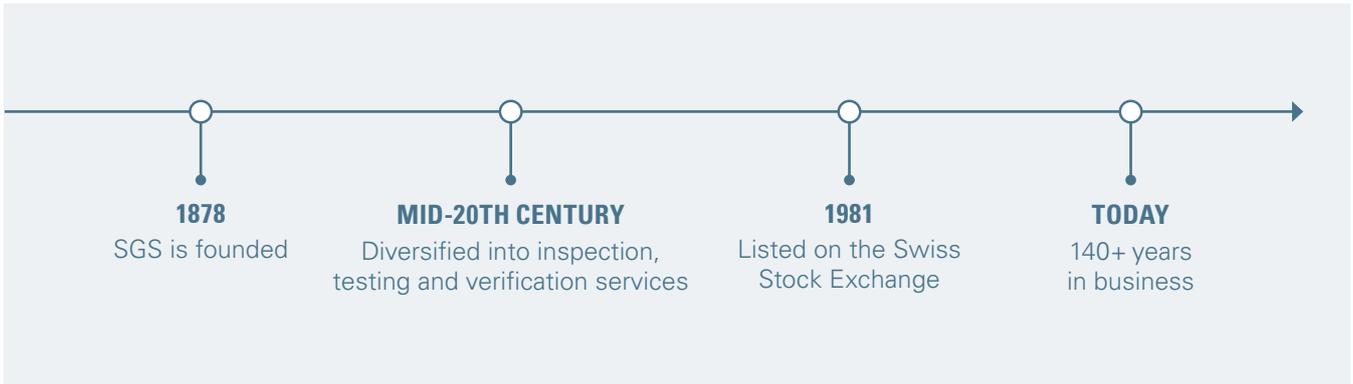
- AIAG & VDA FMEA Handbook Training Course
- APQP 2nd Edition Executive Overview Training Course
- APQP 2nd Edition Training Course
- IATF 16949 Automotive QMS Introduction eLearning Training Course
- IATF 16949 Automotive QMS Lead Auditor Training Course – Module 1 Introduction
- IATF 16949 Automotive QMS Lead Auditor Training Course – Module 2 Internal Auditing
- IATF 16949 Automotive QMS Lead Auditor Training Course – Module 3 Core Tools

With a **global presence**, we have a history of successfully executing large-scale, complex international projects. We speak the language, understand local markets and operate consistently, reliably and effectively globally.



About SGS

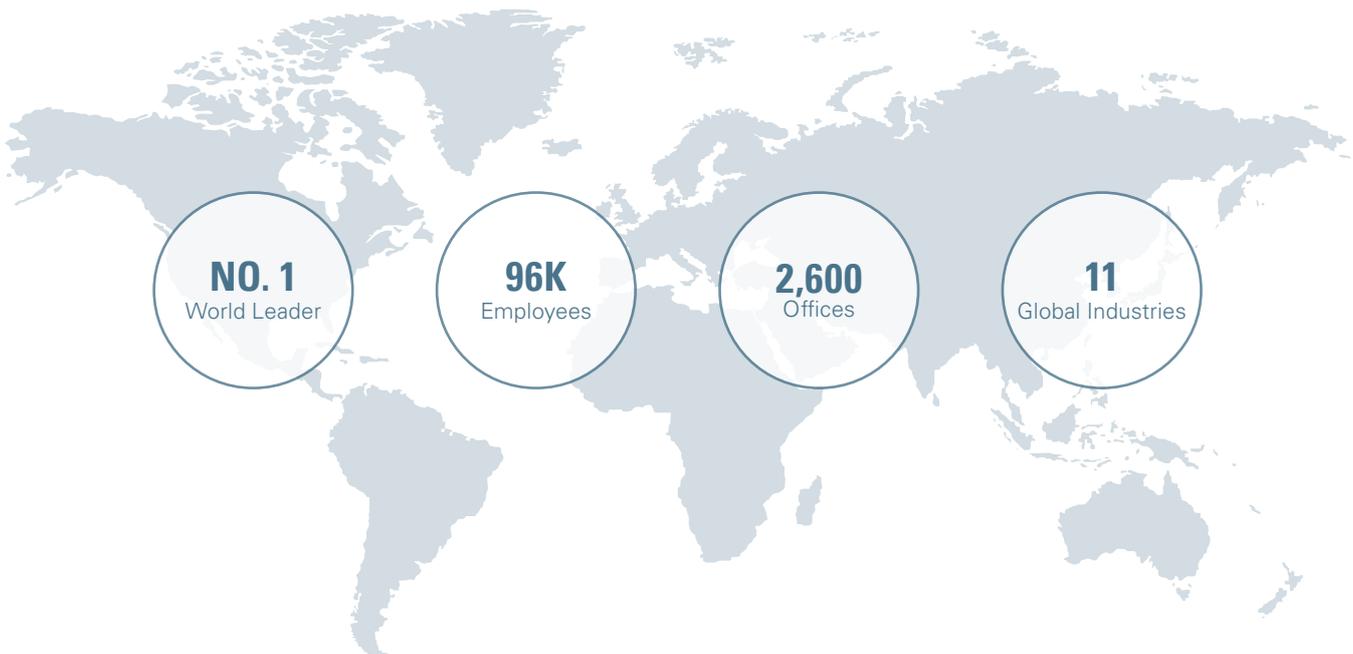
OUR HISTORY



We are the world's leading **testing, inspection and certification** company.

We are recognized as the global benchmark for sustainability, quality and integrity. Our 99,600 employees operate a network of 2,600 offices and laboratories around the world.

Wherever you are, whatever your industry, our experts worldwide provide specialized solutions to make your business faster, simpler and more efficient.



When you need to be sure

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