Services

Fujitsu offers consulting services for customers who are considering implementing functional safety standards. We provide flexible services, including training sessions and Fit/Gap support, to meet individual customers' requirements.



Points to Check

Does the solution you are considering meet the following requirements?

- ☐ It is possible to reuse development processes and deliverables from existing development projects in order to develop other products that are high in quality and offer high productivity.
- ☐ The solution ensures traceability of development deliverables across different categories of products and projects.
- ☐ It is possible to manage changes and versions without imposing excessive workloads on project members.
- ☐ It is possible to control access rights in order to conduct joint development projects with partners and to share development processes and deliverables among members even in dispersed development.

System requirements

	Clients
CPU	2.0 GHz or more recommended
RAM	1 GB or more
OS	Windows XP SP3 / Windows 7
Browser	Internet Explorer 8

Server		
CPU	3.0 GHz or more recommended	
RAM	2 GB or more	
OS	Windows Server 2003 R2 / 2008 / 2008 R2	
Required software	DB: Oracle Database 11g R2 Application management: FUJITSU Interstage Application Server V10 Microsoft Office Professional 2007 / 2010	

The company and product names that appear in this document are trademarks or registered trademarks of their respective companies.

Contact

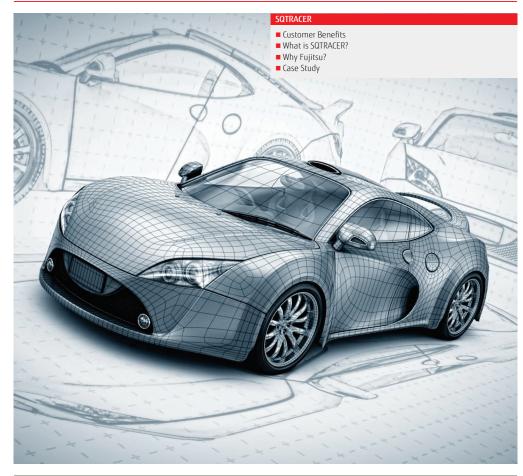
Fujitsu Systems West Limited Automotive Industry Systems Unit Address: P.O Box 63, NISSAY AROMA SQUARE 5-37-1, Kamata, Ota-ku, Tokyo 144-0052 Japan E-mail: plm-plemia-support-sqtracer@ml.css.fujitsu.com



Information in this document is current as of August 2013 and is subject to change without notice

Overview of Services / Solutions FUJITSU Manufacturing Industry Solution SOTRACER

Fujitsu's SQTRACER provides tools for unified management of development processes and deliverables to ensure traceability. It supports safety and high quality even in globally distributed development environments.



Page 4 of 4 Version: 1.0 Page 1 of 4 www.fujitsu.com/global/

Customer Benefits

Expected problems

Functional safety

There is a need to comply with ISO 26262* for internal and external reasons.

*ISO 26262: Functional safety standards for vehicle control systems

Development costs and time

Development costs increase as more and more advanced and complex functions are required for products. There is also a need to shorten development time.

Increase in staff workload

An increased number of man-hours are required for appropriate change management and configuration management to ensure traceability.

Data transfer with partners

There is a need to share deliverables and traceability information with partners as well as to transfer data easily.

SQTRACER solves these problems

Certified by an independent organization,* SQTRACER ensures maximum security.

It ensures security even in ASIL D-level development.



*Certifying organization: Japan Quality Assurance Organization (JQA)

SQTRACER provides strong support for use of assets from past projects.

It provides features that promote reuse of assets from past projects.



SQTRACER provides tools for intuitive operation to reduce staff workload.

Staff can be trained in tool operation in just one day. Training programs are available per user in Japanese, English, and Chinese.



Data can be transferred using actual design files or Rif1.1a* format files.

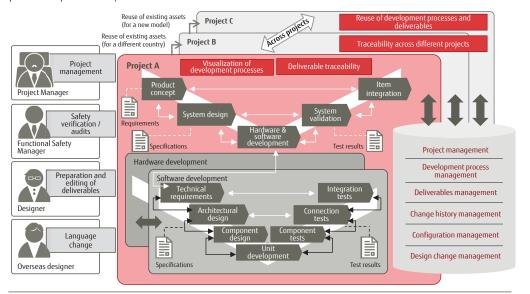
SQTRACER enables users to distribute data using actual design files as well as to share Rif1.1a format files with other tools.



*International standard interface of Requirements Interchange Format

What is SQTRACER?

Fujitsu's SQTRACER provides management tools that visualize electronic control system development processes based on a V-shape model. Since this solution ensures traceability by making effective use of existing documents, it helps reduce effects on existing operations and also facilitates traceability across different projects. Since SQTRACER has its own templates, it enables users to easily visualize development processes and plans without system customization.

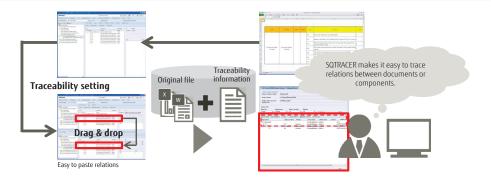


Why Fujitsu?

A global standard tool equipped with the world's first design traceability technology, which is unique to Fujitsu!

Fuiitsu data as of Feb. 2013

- Fujitsu is a manufacturer that designs and manufactures products on its own, including supercomputers, servers, telecommunications equipment, and mobile devices. Based on its experience in manufacturing, Fujitsu provides PLM package software solutions.
- Based on 30 years of experience in the industry, Fujitsu provides package software that caters to customers' needs.
- By developing its own package software, Fujitsu maintains high product quality to meet customers' needs.
- This product was developed based on a design concept of "intuitive operation," which ensures ease of use, by making the most of Fujitsu's achievements in construction and management of business operation systems, including BOM systems, as well as its expertise and knowhow in consulting services in the area of functional safety.
- The world's first actual-file and traceability meta-information consistency technology, which was uniquely developed by Fujitsu, enables users to continue to create deliverables using Microsoft Office and other development tools. There is no need to change operations in accordance with tool-specific editor features and no risk of losing data or making unintended changes to data when reading actual files.



Case Study

Automotive A
Automaker A
A leading automaker of Japan
- Compliance with ISO 26262 - Coordination with existing systems
 Ensuring traceability that complies with functional safety standards (ISO 26262) Preparing an authorization flow and preserving logs in accordance with the validation policy requirements in the functional safety standards (ISO 26262)
- Enables systems to be developed separately in Japan and North America - Drastic reduction in design management workloads, including the workload due to change and revision management
Parts manufacturer B
A global automobile parts maker
- Ensuring traceability that complies with functional safety standards (ISO 26262)
- User-friendly interface - Global design
- Greatly reduces the customer's workload for ISO26262 certification - Intuitive operation to configure traceability settings reduces users' workloads

- **98%** functional satisfaction of the requirements of ISO 26262 Part 8 (support processes)* (*Fujitsu data; assessment of the functional satisfaction of Part 8 Clauses 6, 7, 8, and 10)
- This solution makes it possible to share technical information on control system development across different departments and to exchange technical information and data with partner companies.

Page 2 of 4 www.fujitsu.com/qlobal/ Page 3 of 4 www.fujitsu.com/qlobal/