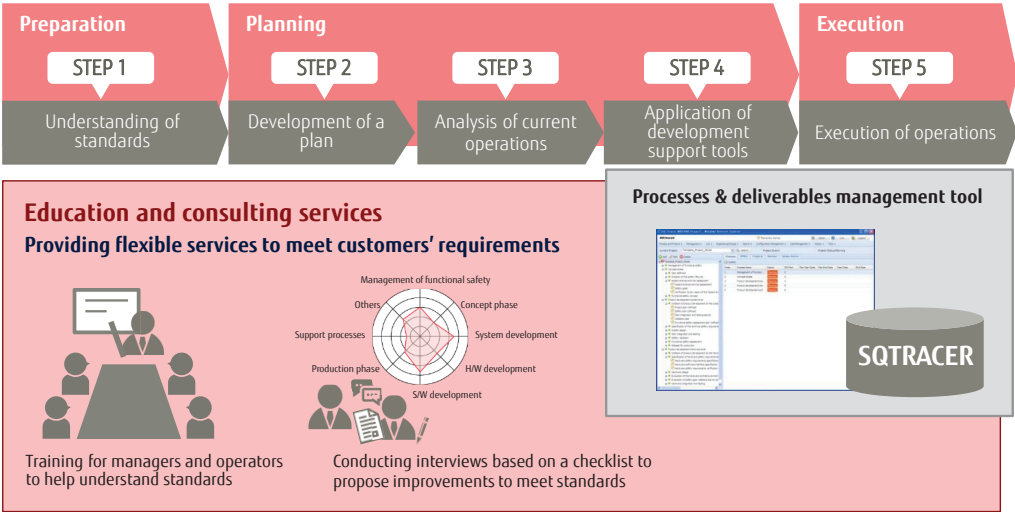


Services

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.



## 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.



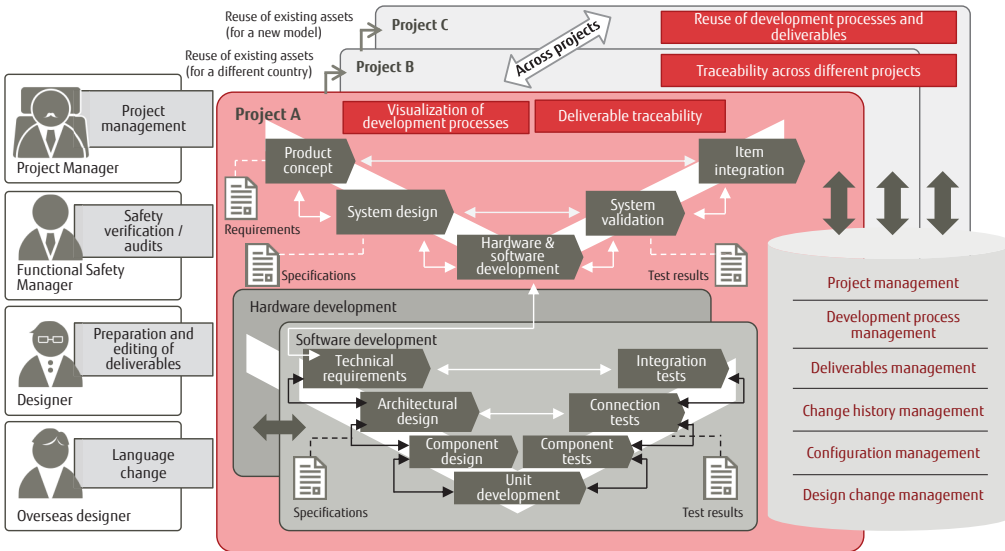
**Data can be transferred using actual design files or Rif1.1a\* format files.**  
SQTRACER enables users to distribute data using actual design files as well as to share Rif1.1a format files with other tools.



\*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.



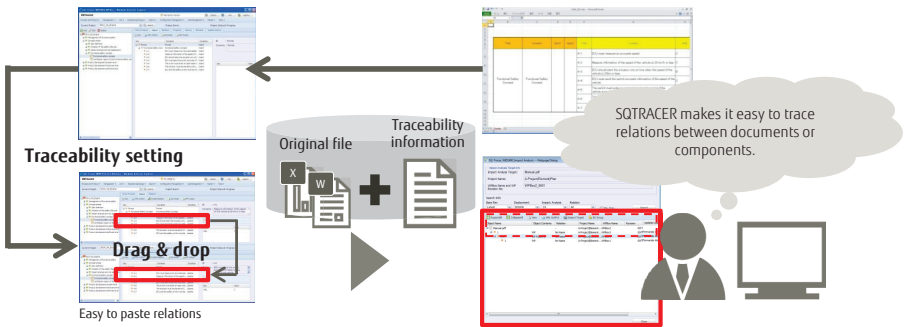
## Why Fujitsu?

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

\*Fujitsu 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 know-how 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

Customer	Automaker A
Company description	A leading automaker of Japan
Customer requirements	<ul style="list-style-type: none"> <li>- Compliance with ISO 26262</li> <li>- Coordination with existing systems</li> </ul>
Key points	<ul style="list-style-type: none"> <li>- Ensuring traceability that complies with functional safety standards (ISO 26262)</li> <li>- Preparing an authorization flow and preserving logs in accordance with the validation policy requirements in the functional safety standards (ISO 26262)</li> </ul>
Customer benefits	<ul style="list-style-type: none"> <li>- Enables systems to be developed separately in Japan and North America</li> <li>- Drastic reduction in design management workloads, including the workload due to change and revision management</li> </ul>
Customer	Parts manufacturer B
Company description	A global automobile parts maker
Customer requirements	<ul style="list-style-type: none"> <li>- Ensuring traceability that complies with functional safety standards (ISO 26262)</li> </ul>
Key points	<ul style="list-style-type: none"> <li>- User-friendly interface</li> <li>- Global design</li> </ul>
Customer benefits	<ul style="list-style-type: none"> <li>- Greatly reduces the customer's workload for ISO26262 certification</li> <li>- Intuitive operation to configure traceability settings reduces users' workloads</li> </ul>

- **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.