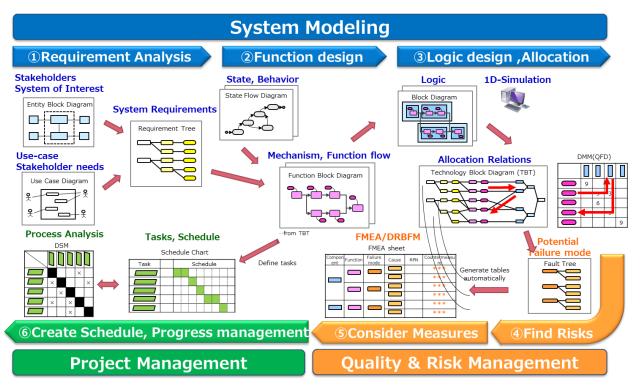
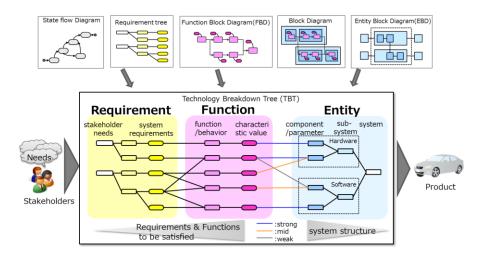
## Systems Engineering Support Tool i QUAVIS

iQUAVIS is an integrated systems engineering support tool developed by DENTSUSOKEN for product system modeling, quality/risk analysis, and project management.

Quality/Risk Analysis <Visualize Decision> Manage development risks and System Modeling quality while fully grasping technical <Visualize Technology> issues and make accurate decisions Clarify the interrelationships by taking schedules and resources Decision of requirements, functions, into consideration. and components. Project Management Technology Trace the process of design *i* **QUAVIS** <Visualize Task> consideration and the chain of effects of design changes. Develop a plan that aligns workload, resources, and Share past cases and expert knowledge and inherit deadlines. Task intellectual assets. Accurately understand development progress through deliverable management.

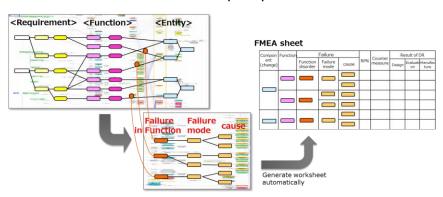


iQUAVIS supports complex system modeling by visualizing technology, quality and risk analysis such as FMEA and DRBFM by visualizing decisions, and project management by visualizing tasks. The greatest feature of iQUAVIS is that these three things work together to support systems engineering.

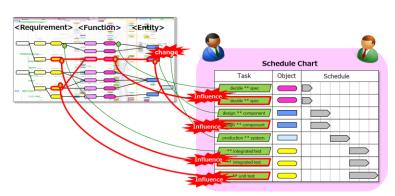


iQUAVIS utilizes various methodologies such as QFD, making it possible to flexibly and reliably perform product requirements analysis, functional design, and component deployment. Express system models using tree diagrams, block diagrams, and two-way tables to facilitate examination from various perspectives.

iQUAVIS integrates system models with quality and risk analysis. FMEA and DRBFM worksheets are automatically generated from system models enabling verification of the impact of changes and preventing quality defects.



iQUAVIS integrates system models and project management. All the tasks that need to be considered can be defined from the system model. Tasks impacted by changes can be automatically picked up, making it possible to understand project progress in real time for each management level.





Two Pillars is as a joint venture between DENTSU SOKEN and Fraunhofer-Association. Two Pillars is an iQUAVIS partner in EMEA. <a href="https://www.two-pillars.de/">https://www.two-pillars.de/</a>

Interested in iQUAVIS? Contact us

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