

# Design-for-test consulting services

## Siemens Digital Industries Software EDA services

### Benefits

- DFT consulting
- Improves workflow and environment
- Ensures effective DFT planning and strategy
- Attacks current test challenges
- Anticipates future test challenges
- DFT methodology
- Provides expert guidance to implement the DFT flow
- Applies production-proven DFT methods
- Smooths the path to adapt to future design requirements
- DFT design
- Provides design execution by experts
- Employs best practices for the Tessent tool flow
- Meets testability requirements
- Reduces risk and speeds time to market

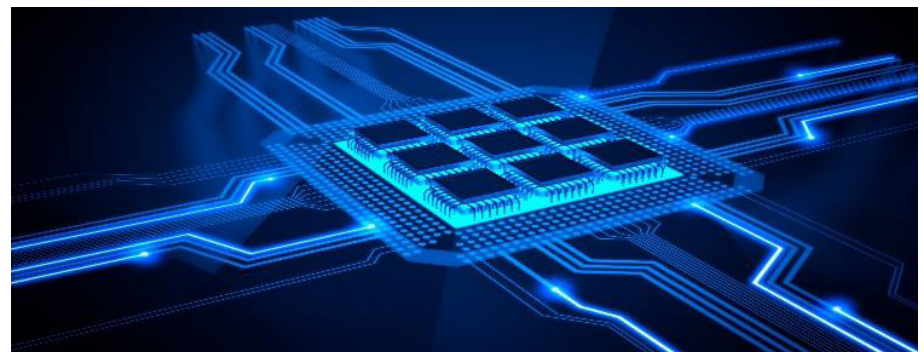
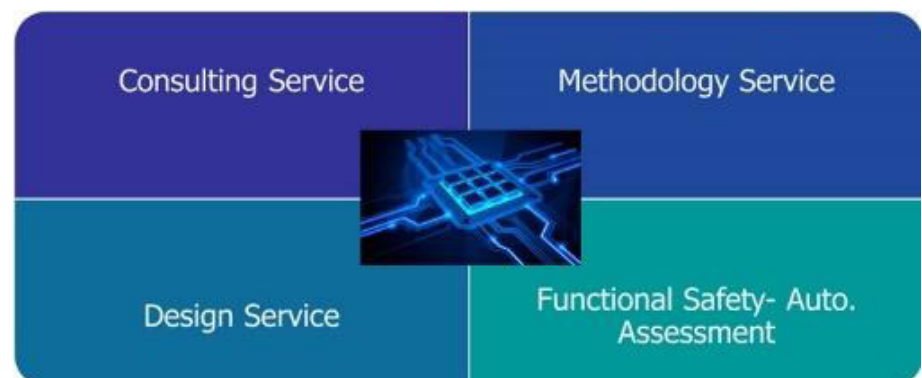
Design-for-Test (DFT) consulting services help customers achieve maximum productivity and profitability by assisting them to construct and implement a powerful, proven DFT methodology.

There are services to help customers meet schedules by direct DFT project implementation or by providing expert assistance for existing customer projects, all while making sure customers meet functional safety requirements.

### DFT consulting

DFT consulting helps customers create an efficient and effective DFT flow with the Tessent tools. This service includes:

- Improving design environment functionality
- Developing a test strategy
- Helping with project planning



# Design-for-test consulting services

## Benefits *continued*

- Puts a proven DFT flow and process in place for future designs
- DFT for Functional Safety
- Speeds compliance to standards
- Reduces product failures
- Allows entry into new markets
- Assists in design hardening

- Developing and optimizing the DFT tool flow
- Setting up the flow environment
- Fixing any issues within an existing DFT flow or environment
- Providing personalized training
- Offering on-the-job coaching

## DFT methodology

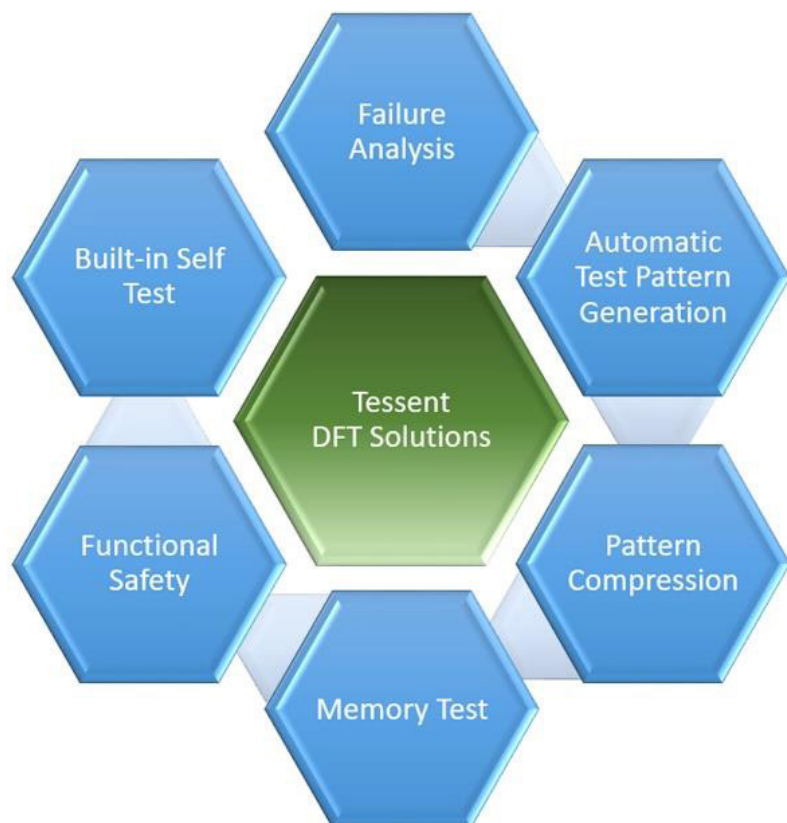
The DFT Methodology service provides expert, real-world guidance and implementation of the DFT flow. This service includes:

- Evaluation and analysis of the existing DFT flow
- Informed recommendations
- Development of best practice techniques
- Flow implementation
- Knowledge transfer to the team DFT design

## DFT design

For customers without in-house expertise or for customers without a DFT tool flow, expert Siemens teams can create and analyze the DFT design. This service includes:

- Reviewing and understanding the design and test requirements
- Developing a detailed DFT plan to cover requirements that specifies strategies, architecture, and tool flow
- Implementation of the DFT design
- Reporting results
- Enabling in-house DFT capability for new designs



**DFT for functional safety**

DFT for Functional Safety provides a functional safety/automotive assessment service to help customers evaluate safety-critical designs for the automotive market. This service includes:

- Methodology assistance
- Improving test quality
- Execution of effective Field Return Analysis
- Enabling and enhancing In-Field Self-Test
- Ensuring compliance to functional safety standards



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