

From Requirements to tests

Visure Requirements Integration with HP Quality Center

Challenges



Collaboration between stakeholders and the rest of the organisation to enforce collaboration and communication by providing an interface adapted to their specific needs and way of communication.



Compliance to the requirements, ensuring that all functional and non-functional requirements are met. Visure Requirements provides users with validation matrices to check compliance to requirements, and that all requirements have passed their associated test cases, based on the results of HP Quality Center.



Reliable estimates based on complete change impact analysis. The information meta model in Visure Requirements allows to represent Test Cases and their relationships coming from HP Quality Center inside Visure Requirements, along with requirements and use cases, to be able to perform an end-to-end change impact analysis.



Metric-based process improvement. In order to make success a repeatable process, Visure Requirements provides complete dashboard and metric reports based on the traceability and test status.

The integration - Key Features

- The integration supports HP Quality Center versions 9.2, 10 and 11
- Requirements and attribute synchronization from Visure Requirements to HP Quality Center
- Services and attribute synchronization from Visure Requirements to HP Quality Center
- Test scenarios bidirectional synchronization
- Traceability between Requirements, and between Requirements and Services synchronization from Visure Requirements and HP Quality Center
- Traceability between Requirements and Services, and Test Scenarios bidirectional synchronization

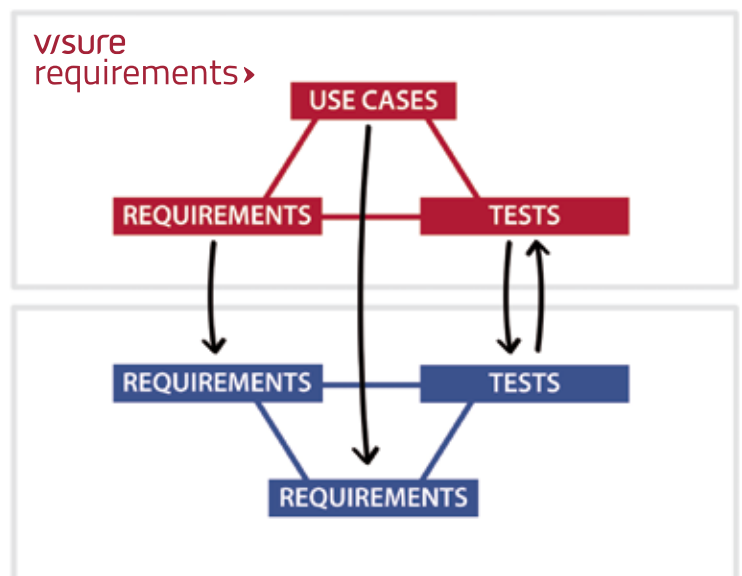


Image 1: Visure Requirements requirements and Use Cases and their relationships are synchronized with HP QC requirements. Visure Requirements tests and their relationships are synchronized bidirectionally with HP QC.

Visure Requirements Integration with HP Quality Center

	Visure Requirements to HP Quality Center	HP Quality Center to Visure Requirements
Requirements		
Requirements synchronization (code, name, description, domains and attributes)	✓	
Requirements hierarchy	✓	
Relationships between exported requirements	✓	
Relationships between exported requirements and existing requirements in HP Quality Center	✓	
Traceability motives and direction Motives represented by comments in trace	✓	
Relationships between requirements and services existing in HP Quality Center	✓	
Relationships between requirements and existing test scenarios in HP Quality Center	✓	
Services		
Services synchronization (code, name, description, domains and attributes). Services represented in HPQC as Requirements	✓	
Relationships with existing Requirements in HP Quality Center	✓	
Relationships with existing test scenarios in HP Quality Center	✓	
Test Scenarios		
Test scenarios synchronization (code, name, description, attributes)	✓	✓
Test scenarios Domain synchronization	✓	
Test Scenarios hierarchy	✓	✓
Steps (actor, step description, direction and expected outcome)	✓	✓
Attributes	✓	✓
Relationships with existing Requirements in HP Quality Center	✓	✓
Relationships with existing services in HP Quality Center	✓	✓
Visualization and management of reused elements	✓	✓

What the integration helps to achieve



Improve the final result and quality.



More exact and complete requirements, allowing the delivery of a correct solution the first time and on budget.



Increase efficiency and efficacy of the teams.