

COMPASS

Planning, Execution and Evaluation of Assessments and Audits

COMPASS is Vector's solution for planning, executing and evaluating assessments and audits. COMPASS supports various maturity models and assessment methods.

Features and Advantages

COMPASS satisfies all requirements that are relevant to an efficient assessment tool: These include support of assessment planning, execution and evaluation based on different maturity models and assessment methods. COMPASS is not restricted to one specific maturity model, rather it supports different models and can be extended to include customized maturity models if desired.

In performing assessments large amounts of accumulating data must be recorded. In COMPASS these data are managed in a well-structured and clear way. Extensive evaluation and reporting options are provided to assist in the evaluation phase.

Supported maturity models and standards

- > CMMI® (Staged and Continuous Representation)
- > CMM®
- > ISO/IEC 15504:2004 (SPICE)
- > Automotive SPICE
- > In preparation: IEC 61508
- > User-specific models can be added (upon request)

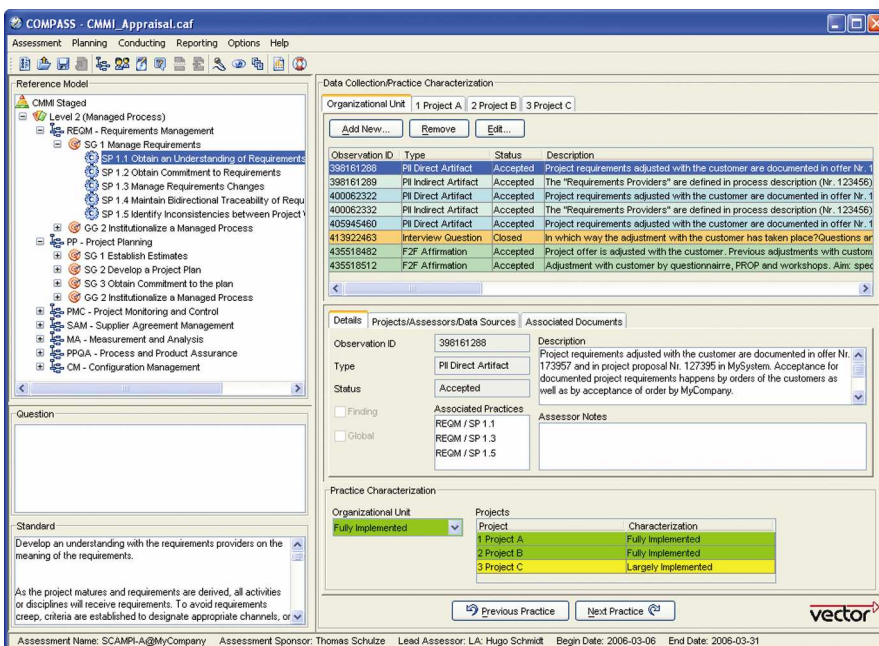
Supported assessment methods

- > SCAMPISM including PIID Creation and management
- > CBA IPI
- > ISO/IEC 15504:2004 (SPICE)
- > User-specific methods can be added (upon request)

Functions

The basic functions of COMPASS include:

- > Acquiring of general assessment information
- > Acquiring and management of projects and personnel involved in the assessment as well as interview sessions
- > Acquiring and management of observations, document references and measures.
- > Typing and status assignments of observations dependant on the assessment method.
- > Copying, moving and multiple assignments of observations, document references and measures
- > Ability to access documents directly via document references
- > Full text search to look for specific observations and document references
- > Filter function for selecting observations according to various criteria
- > Assignment of ratings based on the particular assessment method
- > Automatic recommended ratings, provided that suitable algorithms are defined in the assessment method



COMPASS – The central turntable for executing your assessments and audits

Special Functions

Highlights of COMPASS include:

- > A simple, intuitive user interface
- > Maturity model navigator: Maturity models are shown in a tree structure that can be navigated
- > Clearly organized management of all assessment data
- > Support of PIIID creation in the SCAMPISM method
- > Interview mode to support execution of interviews
- > Parallel processing of assessment sections by means of convenient Split and Merge Mechanisms
- > Extensive reporting options , model-specific reports, export of reports to MS Word, MS Excel, PDF and other formats

Application Areas

COMPASS is the all-around tool for performing assessments and audits based on different maturity models and assessment methods. Beginning with planning, continuing through execution, and ending with evaluation, COMPASS covers all phases of an assessment.

A vast majority of maturity models and standards are supported, covering a broad spectrum of uses.

The open and flexible architecture allows COMPASS to be expanded, upon customer request, to include customized maturity models, including rating mechanisms and evaluation functions. These are supplemented by user-definable typing and status of observations.

This means that COMPASS can be adapted to specific customer requirements and can therefore be used for any kind of assessment or audit.

Moreover, COMPASS offers users the opportunity to expand its report functionality by developing their own reports based on a plug-in concept. As an alternative, plug-ins can be developed by Vector upon customer request.

Split and Merge Mechanisms

COMPASS supports parallel processing of different assessment sections by means of convenient Split and Merge Mechanisms. The assessment can be split up either by process or by project. Merging of the assessment sections is user-controlled, and any conflicts that might occur can be resolved interactively.

Assessment Evaluation

COMPASS supports the evaluation by mapping the evaluation rules and scales of the particular assessment method.

Depending on the assessment method specific information is shown, e.g. fulfilment of F2F-Coverage Rules for SCAMPISM.

System Requirements

- > PC with at least 1 GHz and 256 MB RAM
- > Windows 2000 or XP

	PII Direct Artifact			PII Indirect Artifact			F2F Affirmation			Interview Question		
	1 Prj. A	2 Prj. B	3 Prj. C	1 Prj. A	2 Prj. B	3 Prj. C	1 Prj. A	2 Prj. B	3 Prj. C	1 Prj. A	2 Prj. B	3 Prj. C
SG 1	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	X	X	X
SP 1.1	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	X	X	X
SP 1.2	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	X	X	X
SP 1.3	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	X	X	X
SP 1.4	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	X	X	X
SP 1.5	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	X	X	X
GG 2												
GP (C01) 2.1	Ok	Ok	Ok	X	X	X	Ok	Ok	Ok	X	X	X
GP (AB1) 2.2	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	X	X	X
GP (AB2) 2.3	Ok	Ok	Ok	X	X	X	Ok	Ok	Ok	X	X	X
GP (AB3) 2.4	Ok	Ok	Ok	Ok	Ok	Ok	X	X	X	X	X	X
GP (AB4) 2.5	Ok	Ok	Ok	X	X	X	Ok	Ok	Ok	X	X	X
GP (DI1) 2.6	Ok	Ok	Ok	Ok	Ok	Ok	X	Ok	Ok	X	X	X
GP (DI2) 2.7	Ok	Ok	Ok	Ok	Ok	Ok	X	X	Ok	X	X	X
GP (DI3) 2.8	Ok	Ok	Ok	X	Ok	X	Ok	X	Ok	X	X	X
GP (VE1) 2.9	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	X	X	X	X
GP (VE2) 2.10	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	X	X	X	X

	F2F Affirmation Rules		Interview Question Rules	
	1R1C	50%	1R1C	50%
SG 1	Satisfied	Satisfied	Unsatisfied	Unsatisfied
GG 2	Satisfied	Satisfied	Unsatisfied	Unsatisfied

Example of a report: Artifact Coverage in SCAMPISM