



Requirements Traceability in Support of CMMI certification

The document outlines how CQC Solutions TRC Module provides companies who are attempting to achieve certification based on the criteria for the Capability Maturity Model Index (CMMI) and Requirements Maturity Model (RMM), where there are significant challenges from and both an organisational and process perspective.

The CA Clarity PPM tool provides a Client with significant benefits for those embarking on the certification to CMMI, through the standard tool using workflows and notifications to ensure compliance and governance of a Client’s processes and evidenced through the Clarity PPM auditing function.

One of the key areas that has been addressed by CQC Solutions is its TRC Module, offering support to other key elements of CMMI RMM, that being Requirements Traceability.

As can be seen from the chart shown in Fig. 1 below an organisation **must** manage their Requirements to achieve certification for the CMMI level 3&4 and they **should** also manage their requirements for levels 2 & 3, although at these levels it is not a mandatory requirement.

		Requirements Maturity					
		0	1	2	3	4	5
CMMI Levels		Unwritten	Written	Organized	Structured	Traced	Integrated
0	Incomplete	Might Be	Should Be				
1	Performed		Must Be	Should Be	Should Be		
2	Managed		Must Be	Must Be	Should Be	Should Be	
3	Defined		Must Be	Must Be	Should Be	Should Be	Should Be
	Quantitatively						
4	Managed		Must Be	Must Be	Must Be	Must Be	Should Be
5	Optimizing		Must Be	Must Be	Must Be	Must Be	Should Be

Clarity PPM and TRC Module will support RMM levels 1 to 4 by,

- Level 1 Written – providing standards and where required, mandatory templates.
- Level 2 Organised – using the client specific library structures and organisational breakdown structures.
- Level 3 Structured – through the provision of Client specific library structure and TRC module components.
- Level 4 Traced – using the functionality provided by the TRC Module.

The CQC TRC Module for Clarity PPM also allows full management of Clients requirements both in a forwards and also reverse direction.



CQC Solutions Limited
1, St. Andrews Hill,
London,
EC4V 5BY
United Kingdom
Telephone: +44 (0)20 8133 3227
Facsimile: +44 (0)7092 236406

Through the use of Clarity Portlets (real time dynamic on screen reports) and Business Objects reports a Client can be provided with a complex set of reports that will allow them to easily identify that requirements are being fully complied with, who is responsible for delivering, be able to decompose the requirement to task level.

Allied to fact that all Requirement tasks can be allocated to an individual or set of individuals will ensure that there is a full audit capability supporting Requirements Traceability as well as the standard time and cost capture if required by the Client.

For further information please download the White Paper or to see a video at <http://cqc-solutions.com> to request a Webex demo of the TRC Module please contact info@cqc-solutions.com or contact Sarah +44 (0)20 8133 3227