

A Test Support Tool

Presented to:



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Telcordia's Testing Experience

- NETWORK AND
 SYSTEM
 INTEROPERABILITY
- STANDARDS AND REGULATORY COMPLIANCE
- PERFORMANCE AND RELIABILITY ASSESSMENT
- REQUIREMENTS VALIDATION





Desired Test Tool Characteristics



Track test status

- Management dashboard
- Centralized up-to-date status
- Customized views



Partition data

- Functional areas
- Multiple vendors



Ease of use

- Minimal training
- Low overhead
- Easy import/export capabilities
- Web access

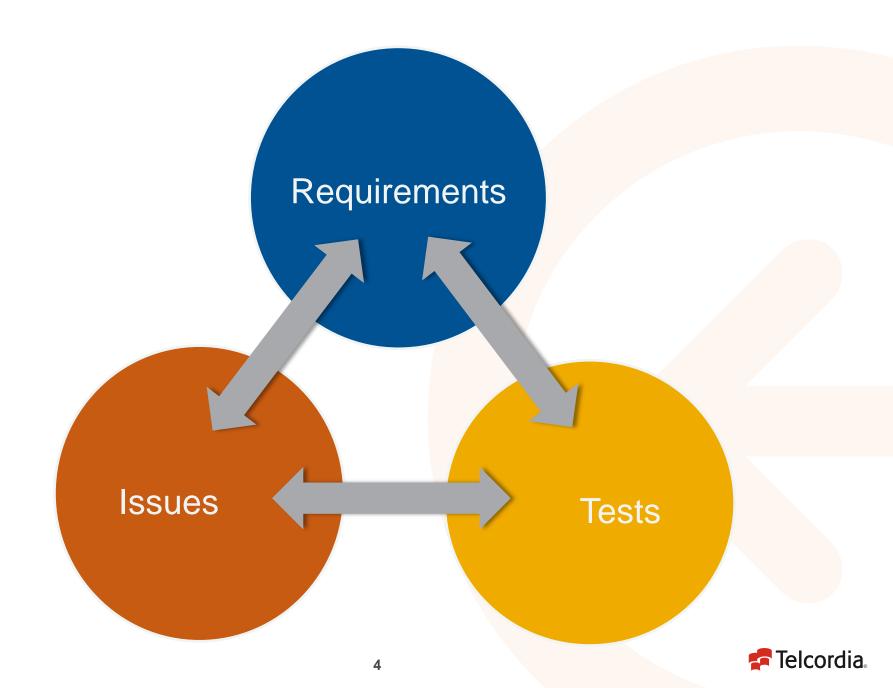


Flexible

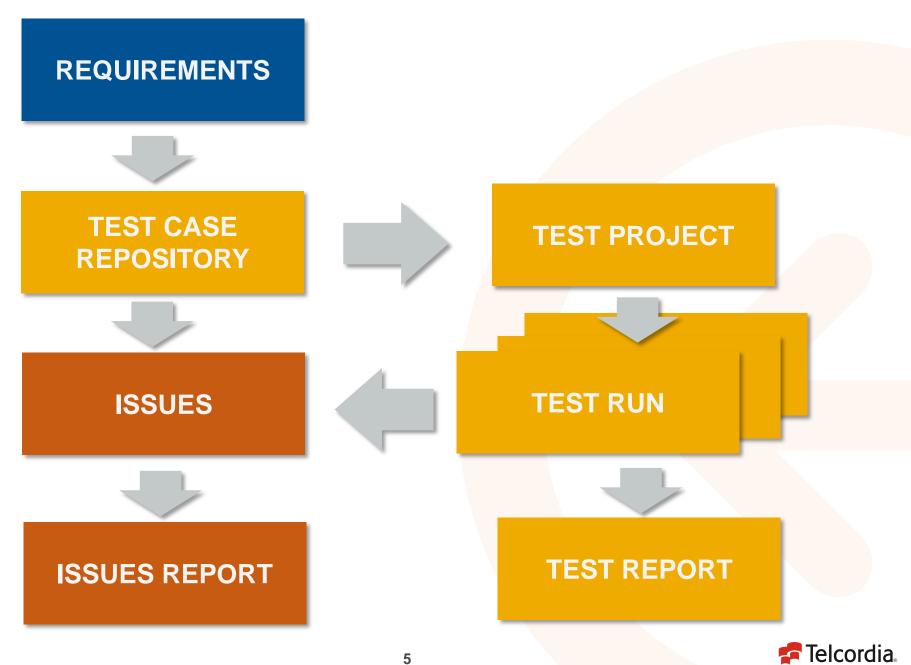
- Modular test projects and test libraries
- Reuse of existing test materials



Logical Testing Triangle



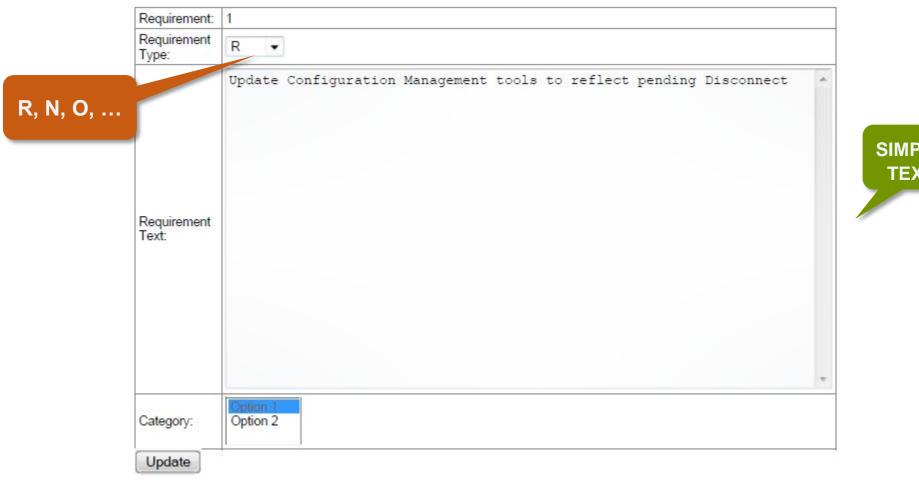
Logical Sequences



Typical Steps

- Enter requirements
- Enter test cases
- TOR EACH TEST RUN
 - Select test cases
 - Perform and record results
 - Analyze results

Requirements Form

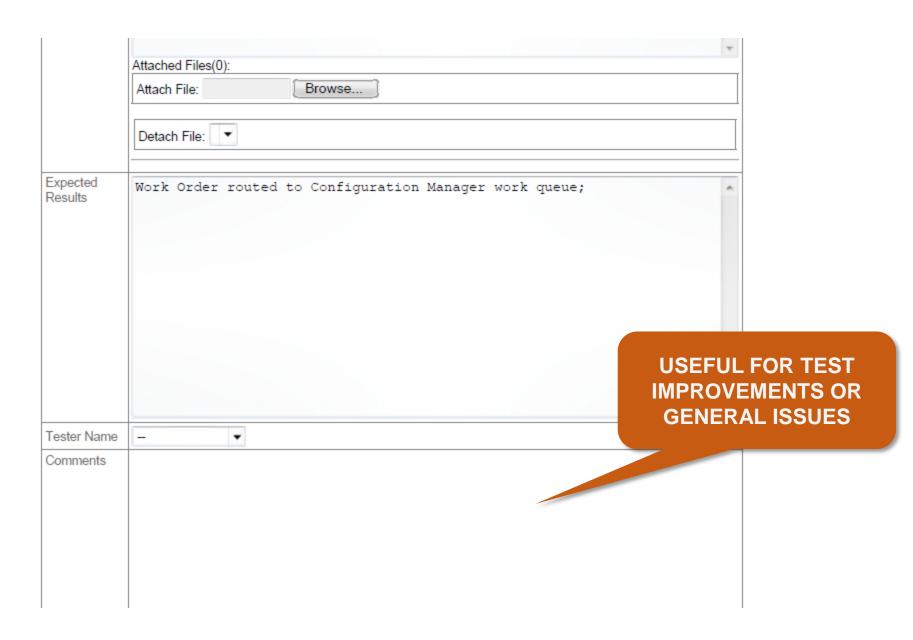




Test Case Form

	UpdateTestCase <click after="" changes!<="" making="" th="" update=""><th></th><th></th></click>		
Owner	Lou Miller ▼		
Title	Provisioner Review	*	
Description	Provisioner reviews, approves and routes to Configuration Manager work queue for network design	^	
		*	
Category	- v		
Status	Draft ▼		
Status ChangeLog		*	ONE OR MORE
Associated Issues			REQUIREMENTS
Requirement (s)	1 1.1.9.19 2.1.1.1 2.1.1.1.A * 22(1:136.B)		
Test Setup	Start with work order in Provisioning work queue		
			ADDITIONAL FILES, IF NEEDED
	Attached Files(0):		_
	Attach File: Browse		
	Detach File:		
Test Procedure			7 Telcord

Test Case Form (Continued)



Test Run Summary Report

	Test Status Summary									
Draft Written Scheduled Complete Retest Required Re					Retested		Total	% Complete		
Application	1	514	0	0	0	0	0	515	0.00	

Test Result Summary								
Pass Pass With Exception Fail Not Tested Not Applica								
Application	0	0	0	515	0			

Sort By testCaseNumber

		Out by total	accivatinoc							
Test Case Summary										
Number	Owner	Title	Category	Status	Result	Tester	Test Date	Associated Issues		
Application- TC-0001	Lou Miller			Draft	Not Tested	Lou Miller				
Application- TC-0101	Lou Miller	Receive work request from Order Entry	_	Written	Not Tested	-	-			
Application- TC-0102	Lou Miller	Provisioner Review	-	Written	Not Tested	_	_			
		i e								

REPORT BASED ON CURRENT STATUS IN DATABASE



Requirements Coverage Report

Requirement Coverage By Type									
Requirement Type(?) # Of Requirements # Of Requirements Referenced By T									
R	383	66							
N	1	0							
Total	Total 384 66								

				Associated Test
Number	Туре	Category	Requirement Text	Associated Test Case (Associated Issue)
1	N			
1.1.9.19	R		Route Request/Order back to customer to correct & resubmit or Cancel	
2.1.1.1	R		Request/Order Received from Order Entry EXCESSIVE COVERAGE?	Application-TC-010' Application-TC-030' Application-TC-030' Application-TC-040' Application-TC-050' Application-TC-060' Application-TC-080' Application-TC-090' Application-TC-100' Application-TC-110' Application-TC-120' Application-TC-130' Application-TC-180' Application-TC-180' Application-TC-190' Application-TC-20' Application-TC-20' Application-TC-20' Application-TC-280' Application-TC-280' Application-TC-280' Application-TC-280'
	+			

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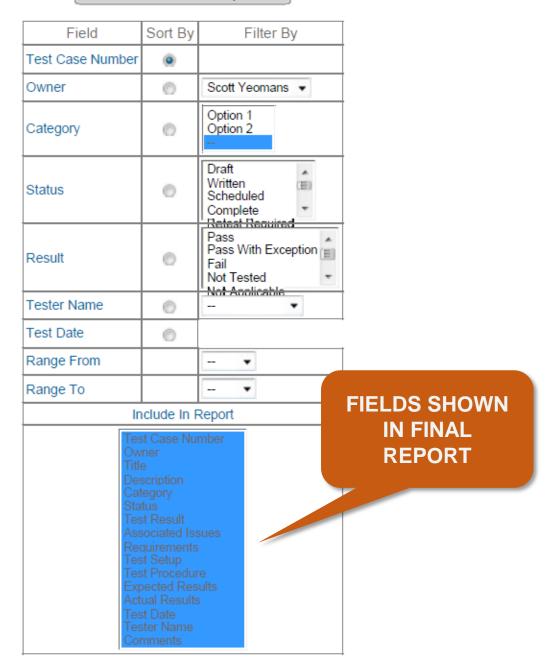
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Application- TC-0102	Lou Miller	Provisioner Review	_	Written	Not Tested	_	_			

EACH TEST RUN ARCHIVED FOR TRENDING ANALYSIS



Ad-hoc Reports

Create Onscreen Report







- Web GUI
- Application
- Database
- Scalable
 - Number of users
 - Speed
 - Geography



----- Additional Thoughts

- Tailor tool to the job
- Need processes around the tool
- Simple is better

Summary of Test Tool Attributes

- Imposes desired rigor
- Easy to use
- Easy to customize





Q & A