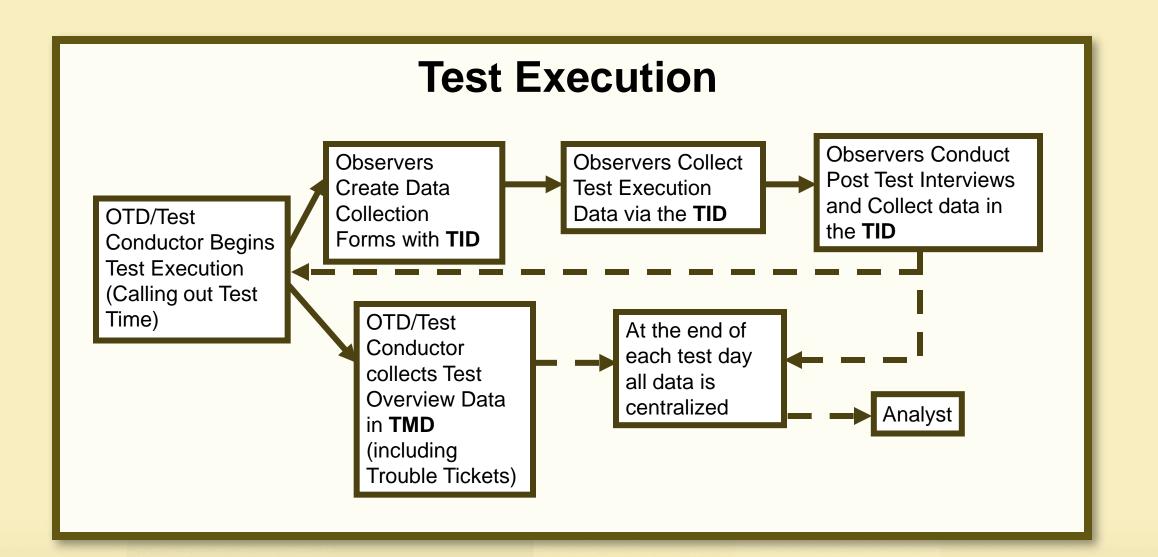
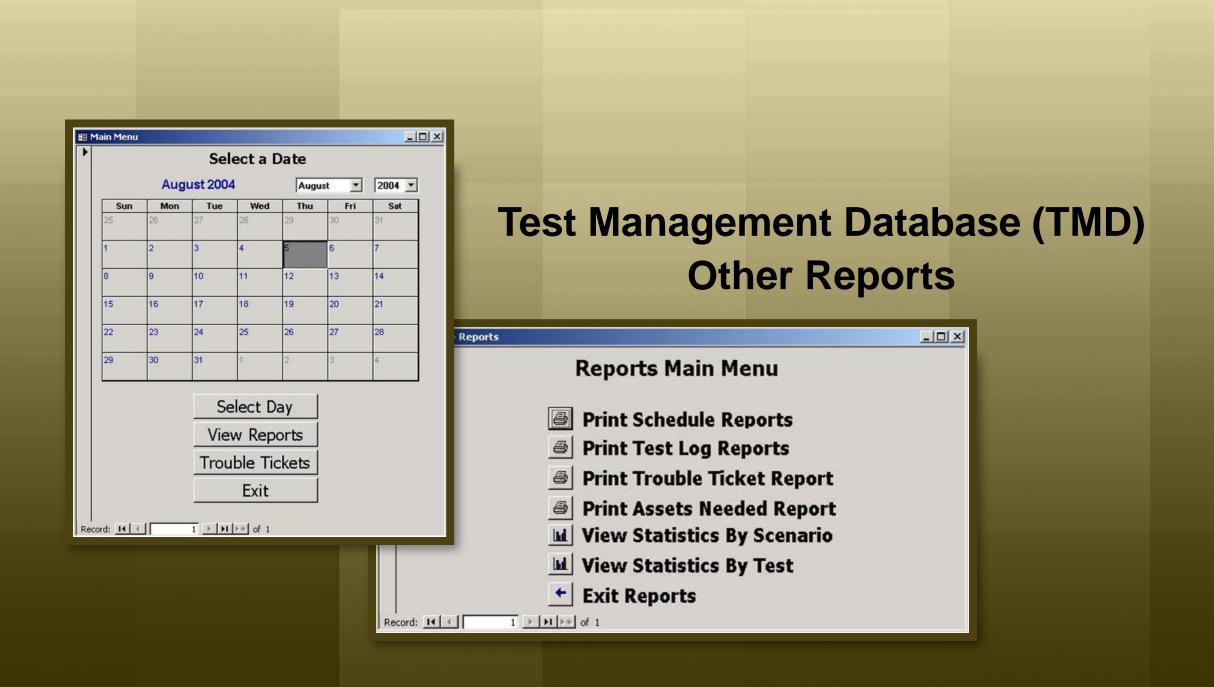




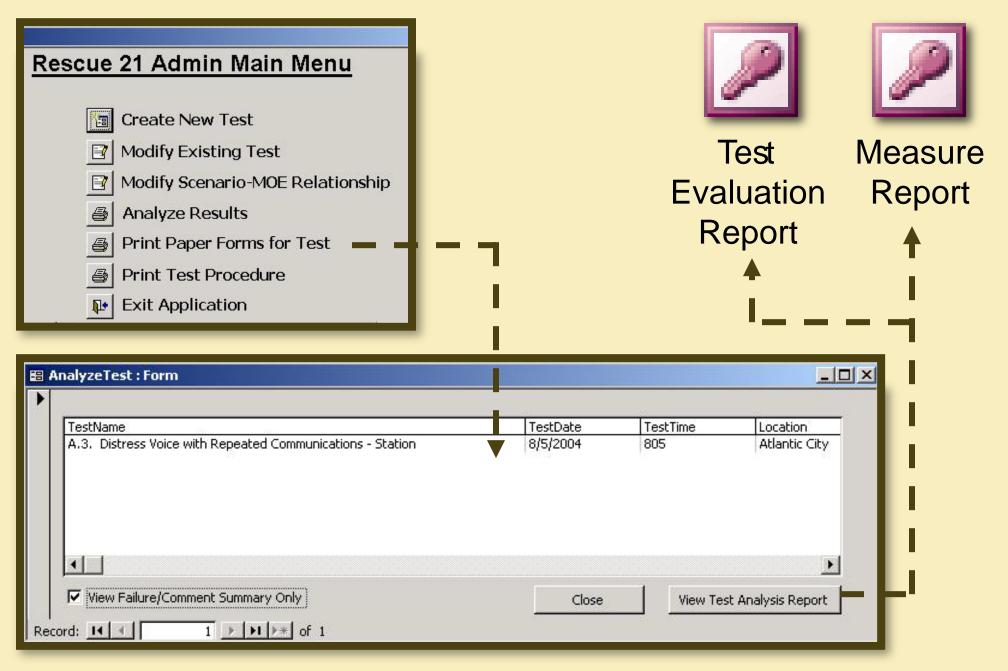
Test Planning and Scheduling

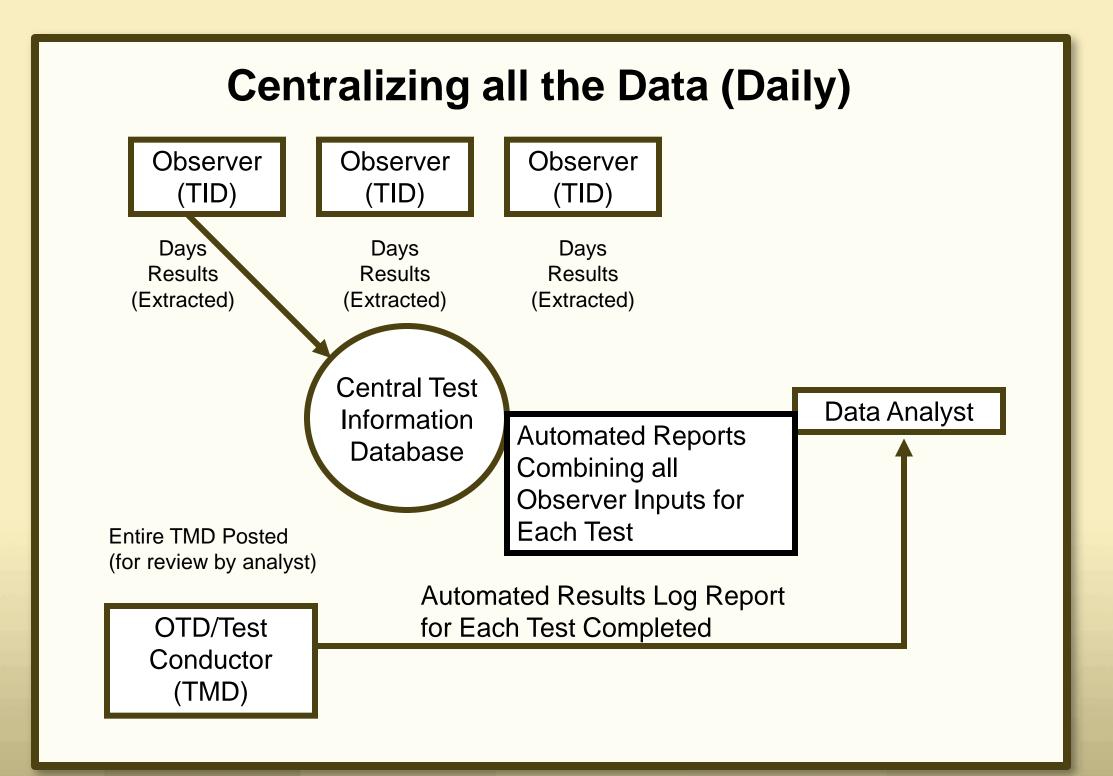
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	tress Voice with Repeated			**********************************	Yes	No	Yes	
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	ar voice communications (G		1 (3 Tr (13 Tr 4)	1015 1025 Yes			No	
	U Marine Band Voice Commu	1230	1245	Yes	No	Yes		
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	Add Test to Schedule	Remove test from Schedule	Copy Test Instance To Day/Time	Copy Entire Test Day		'Modify ted Test	C.	





Test Development and Measures of Effectiveness (MOE)





Test Results Reporting

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T-NIR Test – Management Information and Reporting

What is T-MIR?

T-MIR is a Microsoft Access application designed to run on a laptop that testers can take with them into the field. Multiple testers, over a dispersed area, can combine their results in T-MIR which stores the system's entire program test and evaluation history within a single database. The following capabilities are provided by T-MIR:

- Test Planning
- Test Development
- ✓ Test Execution
- Test Analysis and Metrics
- Reporting
- Management Control

T-MIR is easily "tailorable" in order to meet the specific needs of any program, in any phase of Test (i.e., developmental, integration, performance, OT&E, etc.).

		Test By Test Result	
enario Report		Test Manager - [View Results By Scenario]	
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	ple Success Retest	B: DISTRESS DSC RESPONSE 0 0 0 0	0
.1. Distress Voice with Repeated Communications - Group 1 0 0		C: STRESS TEMPO DISTRESS VOICE RESPONSE 0 0 0 0 D: SBU COMMUNICATIONS 1 1 0	0
2. Distress Voice with One-Time Communications - Group 0 0 0 3. Distress Voice with Repeated Communications - Station 2 1 1		E: MIB/MARB OPERATIONS 1 1 0 0 F: CLEAR COMMUNICATIONS 1 1 1 1	1
.4. Distress Voice with One-Time Communications - Station 0 0 0 .5. Distress Telephone Call with Repeated Communications 0 0 0		H: RECORDING, ARCHIVING, & RETRIEVAL OPERATIONS 1 1 1 1	0
.6. Distress Telephone Call with One-Time Communications 0 0 0 .7. Distress 121.5 Call 0 0 0		I: SYSTEM MAINTENANCE 0 0 0 0 J: PRELIMINARY CUT-OVER 0 0 0 0	0
.8. Distress 243 Call 0 0 0 .1. DSC Distress Call with Voice Communications 0 0 0		2: TEST OF OPPORTUNITY 0 0 0 0	0
.2. DSC Distress Call without Voice Communications 0 0 0			-
3. DSC Distress Call Received on One RFF Receiver 0 0 0		All Tests Combined	
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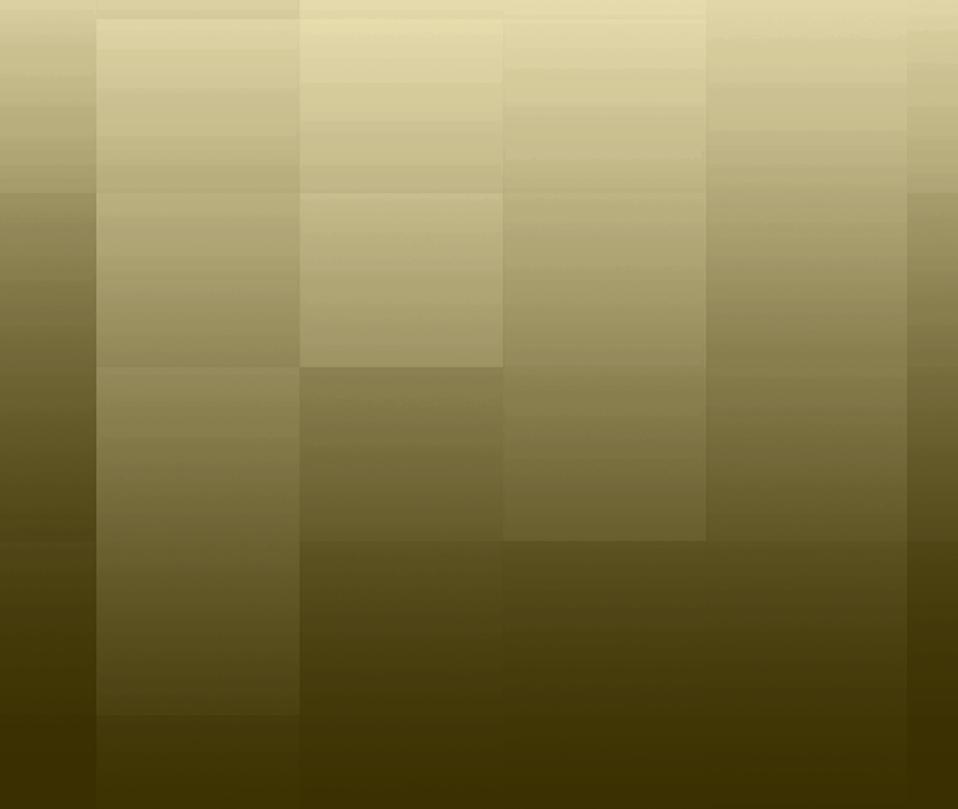


T-MIR has been designed to contain a system's entire program test and evaluation history within a single database. Integrating all test data from each test site into a single T-MIR database generates a "maturity growth model" for the Rescue-21 System, significantly increasing the accuracy of the out-year support and reducing total life cycle costs.

History

T-MIR has been used to support Operational Test and Evaluation (OT&E) for the Coast Guard's Rescue-21 system. During four weeks of testing, more than 400 Operational Tests were conducted utilizing as many as 30 Test Observers located at different geographic positions, covering more than 250 miles of coast line, from five miles inland to 20 miles out to sea. During the execution of test, Test Observers were gathering test data on nearly every type of afloat platform in the Coast Guard's inventory. Test Observers were positioned at each of the 12 Coast Guard Stations, 2 Coast Guard GCCs, and at various times at the 11 Remote Fixed Facilities.

The first draft of the Final OT&E Report (with over 1,000 pages of test data) only took three days to write after completion of OT&E. The ability to generate a final report so quickly with T-MIR is due to the amount of test information available for analysts.



T-NIR | Test – Management Information and Reporting

Daily Quick Look Reports

Daily Quick Look reports have been used to provide the Test Conductor with immediate test progress feedback. This information, along with the Test Conductors Summary, has also been used as a Daily Progress Report to the Region Commanders. All submitted Daily Reports to the Admiral, were used as summarized results to the Commandant of the Coast Guard.

Weekly Reports

Weekly reports can also be generated and delivered to the Coast Guard Chain of Command, and these reports provide hard statistics on the progress of the OT&E. T-MIR also monitors the number of tests scheduled within an overall test program, and maintains a statistical total of the tests, as well as the scenarios that are made up of several tests.

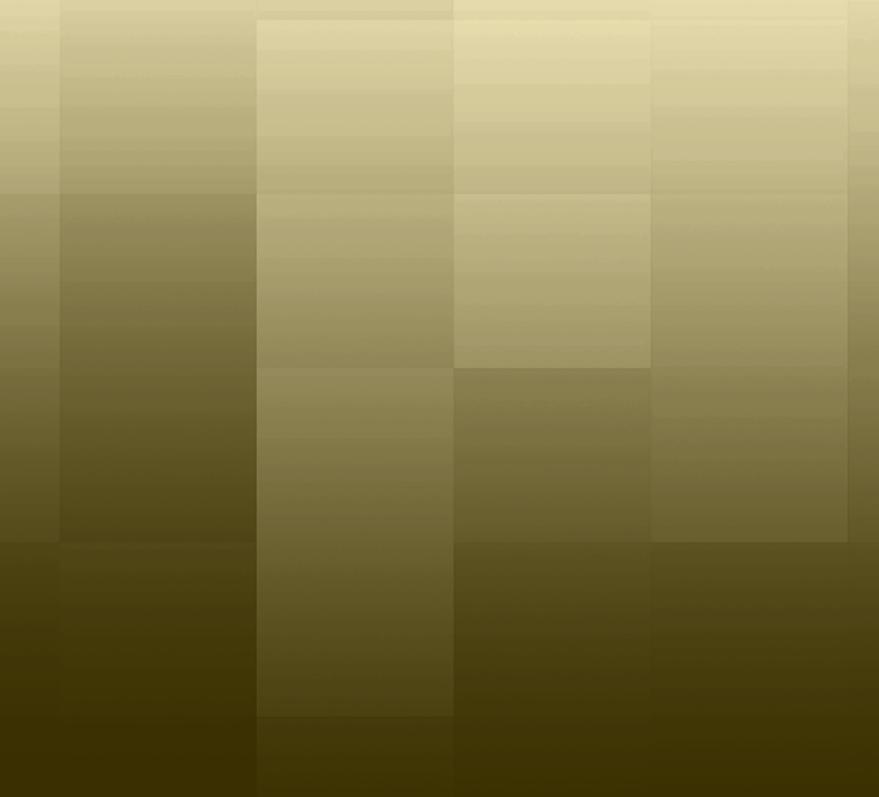
Built in Analysis Capabilities

T-MIR currently has several analysis capabilities built into the database that provides test personnel with the flexibility to report and analyze test results (on-site) for quick (near real time) Test Reports (daily, weekly, final, etc.). Test report formats and the data reported is also tailorable to meet the specific needs for a given program.

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