

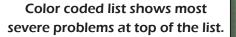


Benefits

- Analysis of program results.
- Feedback on work order status and closure.
- Condition history for each location and machine.
- Integrate the results of ALL predictive maintenance technologies.
- Report connects tailored to individual user responsibility.
- Current status of all critical machines immediately available on your web browser.
- Problem details for each condition problem available in a drill down report with data if needed.

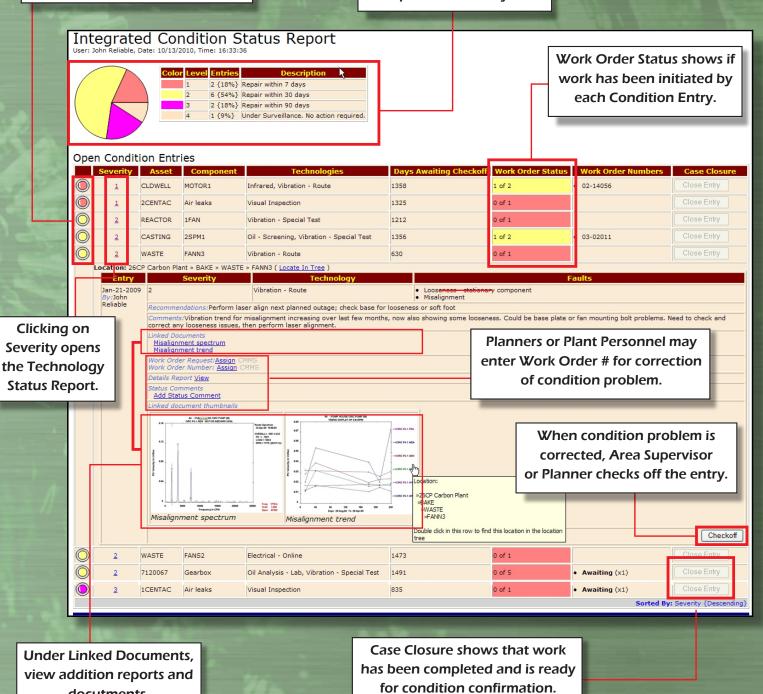


Browser Based—Requires (no installed software)



docutments.

Pie chart quickly shows how many assets are in a User's area are in states of problem severity.



CONDITION MANAGER PROGRAM



Integrate, Organize & Communicate Predictive Maintenance Results

Edit Condition Entry		
Location: Reliable Manufacturing, Inc. >> 801 Cooling Tower >> Tower >> CLDWELL >> MOTOR1		
Condition Entry Details		
Technology	Vibration - Route	
Analyst	Mike Manager	
Severity	1 {Repair within 7 days}	
Entry Date	Jan-24-2007	
Work Request		
Work Order		
Suspected Faults [Add]		
F	ault Fault Group	·
☑ Drive end	bearing failure Mechanical	
Recommended Action [Library] Repair or Replace Motor		
Repair or Replace Motor		
		~
		Check spelling
Comments		
Drive end bearing showing advanced degradation, motor should be repaired at earliest opportunity - and monthly cleaning should be done.		
		<u>v</u>
		Check spelling ▼
Linked Docume	ents [Add File][Add URL][Add Screen Capture]	
Description	n Document Type	
Vibe data - be	aring Condition Data Snapshot	
Checkoff Statu	•	B
Checkoff Date	s	
Checkoff Com		
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Save Check spelling ▼		
23,0		

Oil

Process

Ultrasound

Thermography

Viberation

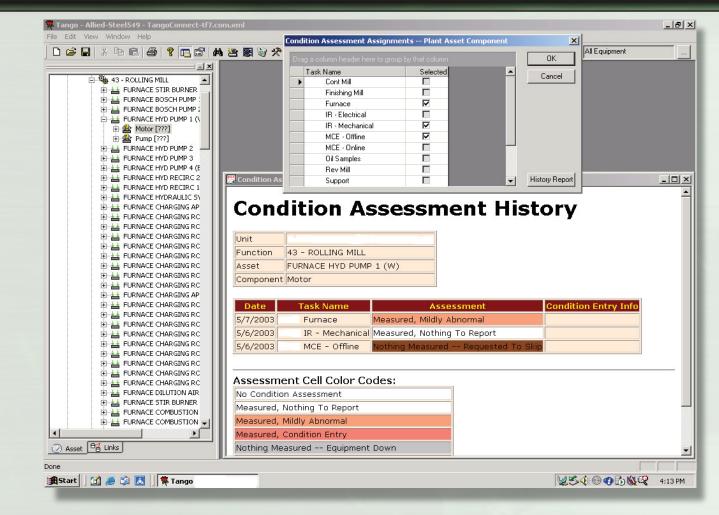
The Tango Condition Manager package allows each predictive maintenance technologist to input their knowledge and recommendations about a degraded machine. The Tango condition entry screen (above) provides a common interface for all plant predictive technologies

to document their results. Tango then integrates all of the technology condition information and presents the status to the plant through the plant intranet.

Plant maintenance personnel will receive, through the plant intranet, a status report of all degraded machines within their area and trigger the repair work order. Tango also allows reliability engineers to examine the past failure cycles of the machine or location to identify unreliability and possible root causes of the problem.

CONDITION ASSESSMENT TASK MANAGEMENT





Condition Assessment Task Management is an optional Tango function which allows the user to manage when condition tasks are to be performed, assign technologies to plant assets with the measurement interval and maintain a history of each measurement and its results for an asset.

The Condition Assessment Task Management function is useful in managing condition programs with multiple technologies, managing multiple subcontractors, and maintaining an easily assessable validation history of measurement results.





