TANGO™ Integrated Condition Status Report (ICSR)

Quick Start Manual
Version #: 2021.02.18-V.1

Purpose

The Integrated Condition Status Report (ICSR) is the plants bridge between asset health information and repair management.

An industrial facility utilizes many inspection technologies to assess the condition of mechanical, electrical, and stationary equipment. These multiple inspection technologies each have their own analysis and reporting tools which leads to condition results contained in multiple spreadsheets, emails, printed reports and databases.

The TANGO™ Integrated Condition Status Report (ICSR) is a dashboard that displays an integrated list of equipment problems ranked by severity, criticality, area, age, and type. From this list of integrated problems, the plant can prioritize repair work, track the progress of work orders, share knowledge about the repair and assure management that critical problems are being addressed.

Items Needed for Task

- TANGO database login credentials

- User Region Setup

Contents

I. How to Access the ICSR

User Regions

User Region allows you to view assets for which you are responsible for. Every user with the login credentials for Tango must have a User Region set up to view the ICSR. The User Region is set in the Database Admin function. A User Region may range from the entire database (plant) to a few specific assets.
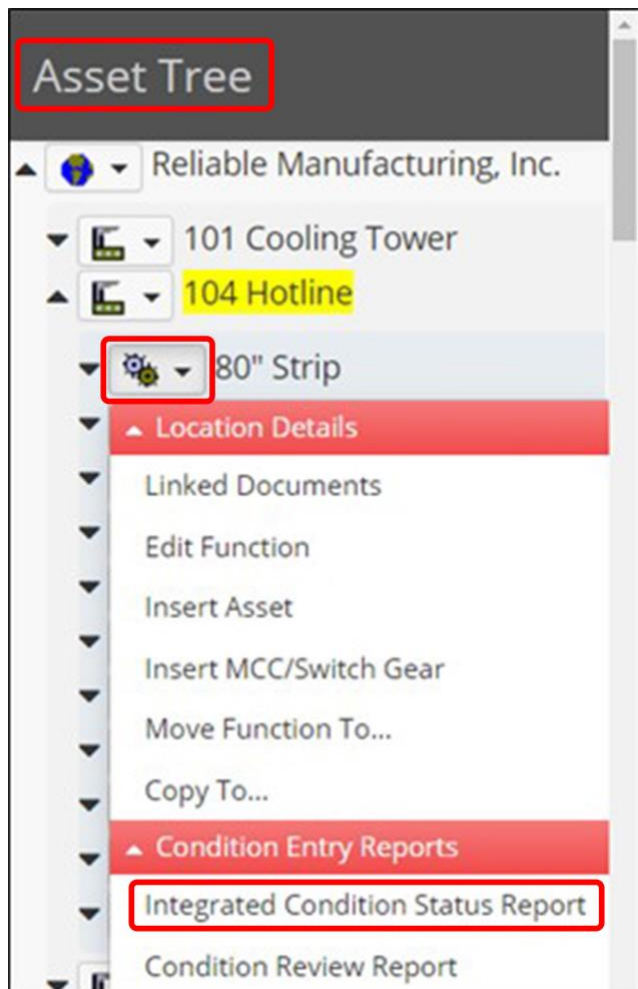
A. ICSR Icon

The ICSR Icon at the top of the screen provides the ICSR display for your User Region.

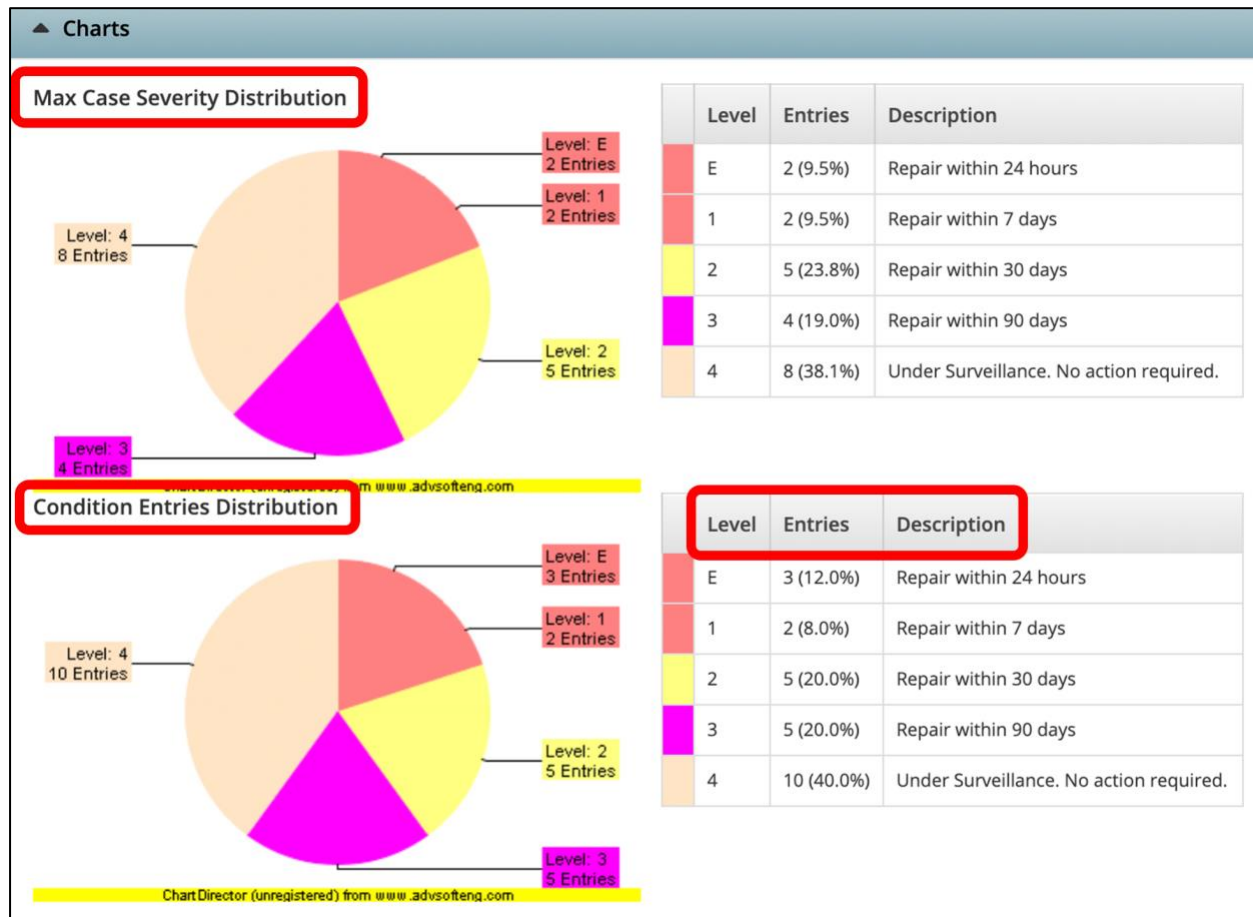## B. Asset Tree levels: Unit, Function, and Asset

You can use the Location Tree to filter the ICSR to just those Units, Assets, or components you wish to view.

II. Open Condition Cases

A. Condition Cases

The ICSR displays Open Condition Cases. A Condition Entry Case records the Condition Entries from the first Entry recorded to the last Entry when the case is closed. A Condition Entry Case may contain multiple Condition Entries. The Pie Chart at the top of the ICSR display a breakdown of Condition Cases by severity.

B. Condition Entries

If Condition Entries from multiple technologies are entered for the same component, the condition analyst must specify that they are continuing an Open Condition Case, meaning it is the same problem identified by a different technology. If the Condition problem is different from the existing case the analyst will document the problem as a new Case.
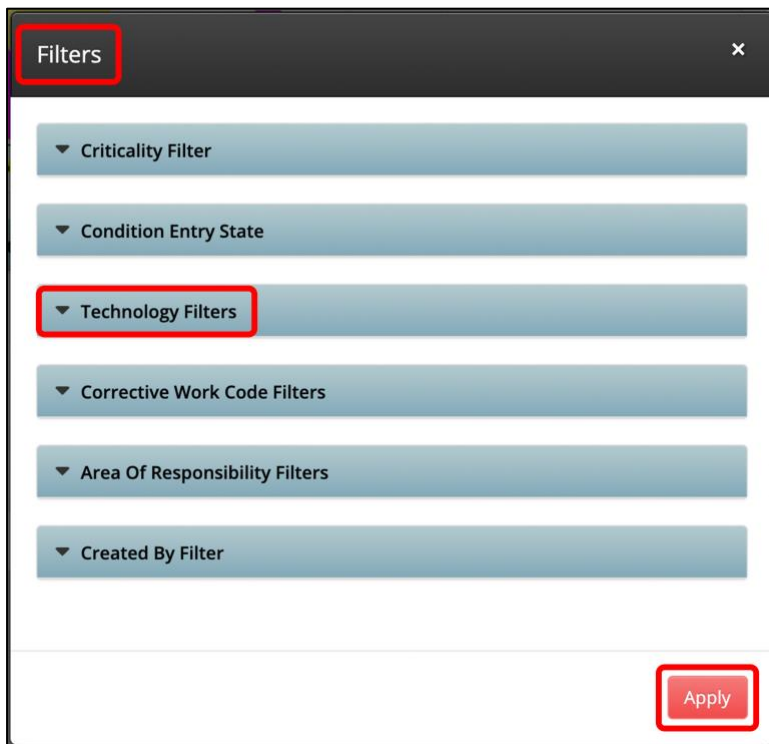
III. Dashboard View- Top Level
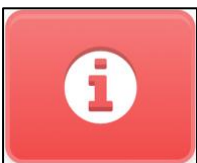
A. Report Options Icons

1. Filters Icon

By selecting the Filter Icon on the left side of the ICSR, a filter screen will open allowing you to filter your searches by Criticality, Condition Entry State, Technology and Created By (not shown.)

2. Information Icon

By selecting the Information Icon, it shows how the ICSR is configured for your Database.

Integrated Condition Status Configuration

The following listing indicates how the Integrated Condition Status data is generated. Modifications to this configuration can be made by 24/7 Systems to suit your specific facility needs. Please contact 24/7 Systems for assistance.

Filter:

Column Title	Is Visible	Data Source	Display Order	Cell Output Mode	Wrap Line	Font Size	Sort Field	Sort Type
	True	RowNumber	0	RowNumber	True	6pt		
	True	SeverityIndicator	1	SeverityIndicator	True		MaxSeverity	Number
	True	N/A	2	LocateInTreeAction	True			None
Severity	True	ConditionLevelName	10	ShowDetailsAction	True		MaxSeverity	Number
Criticality	True	Criticality	11	RawValue	True		Criticality	Number
Unit	True	UnitName	20	RawValue	True		UnitName	String
Function	True	FunctionName	21	RawValue	True		FunctionName	String
Asset	True	AssetDesc	22	RawValue	True		AssetDesc	String
Component	True	AssetCompName	23	RawValue	True		AssetCompName	String
Technology	True	Technologies	30	ToListItemsHtml	False	8pt		
Most Recent	True	MostRecentConditionLevelName	40	MostRecentSeverityCell	True		MostRecentConditionSeverity	Number

3. Refresh Icon

By selecting the Refresh Icon, the ICSR may take several seconds to load, it is not always refreshed when an Action is taken on the Details page.

4. Display More Options Icon

By selecting the Options Icon, a dialog box will open where you can select from a set list of option as shown.

More Options ✕

- View   Condition Entries without Area Of Responsibility
- View   View Condition Entries without Corrective Work Codes
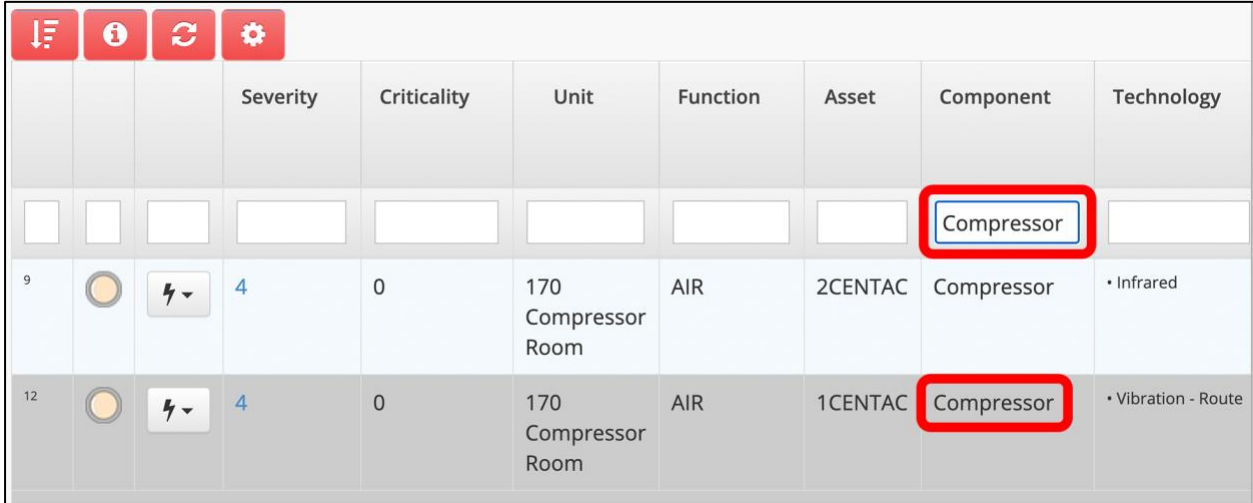- View   View Company Wide Condition Status Report
- View   View Closed Condition Entry Report

- Import   Import Condition Entry Data
- Export   Export Condition Entry Data

B. Open Entries Search

Open entries may be searched by column by typing in the search field below a Dashboard column header.
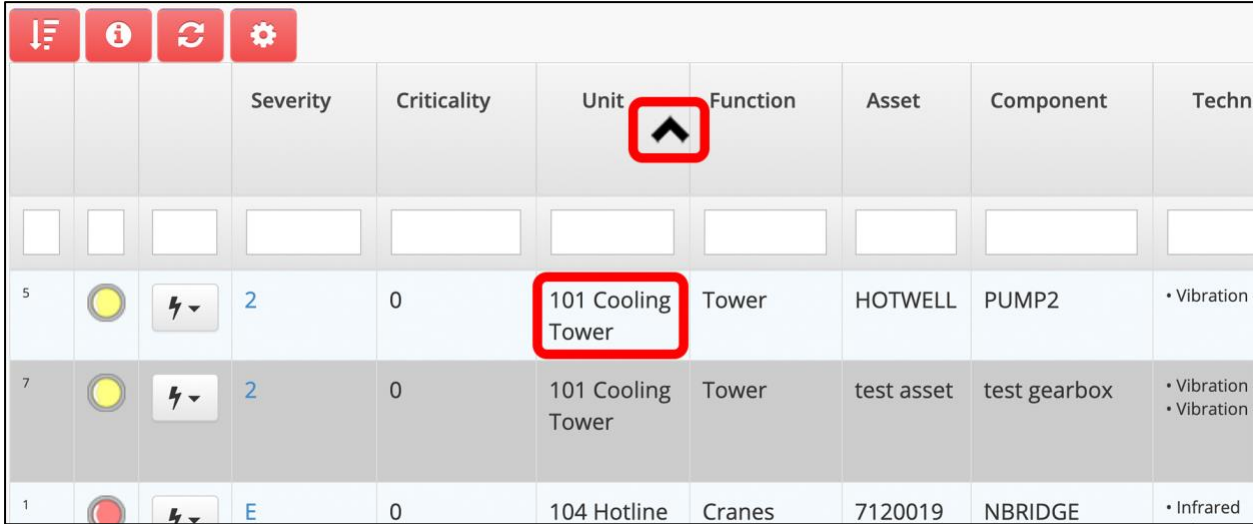

C. Open Entries Sort

Open entries may be sorted by column rank by clicking a Dashboard column header.

IV. Condition Case Details Page

ICSR columns are defined for a database and initially come preconfigured. The TANGO™ Administrator may request additional columns can be turned on or off. A list of possible Columns are listed in the following section.

Column name	Visibility On	Requested
Severity Indicator	1	
Severity	1	
Criticality		0
Unit		0
Function		0
Asset	1	
Component	1	
Technology	1	
Days Awaiting Checkoff	1	
Work Order Status	1	
Work Order Numbers	1	
Corrective Work Code		0
Area of Responsibility		0
Case Closure	1	
Work Order Count		0
Created By	1	
Most Recent Severity		0
Budgeted Life		0
% of Remaining Life		0
Latest Status Comment	1	
Recommendations		0

Note: 1 means comes standard in all databases.

0 means columns that need to be requested can be turned on by 24/7 Systems.
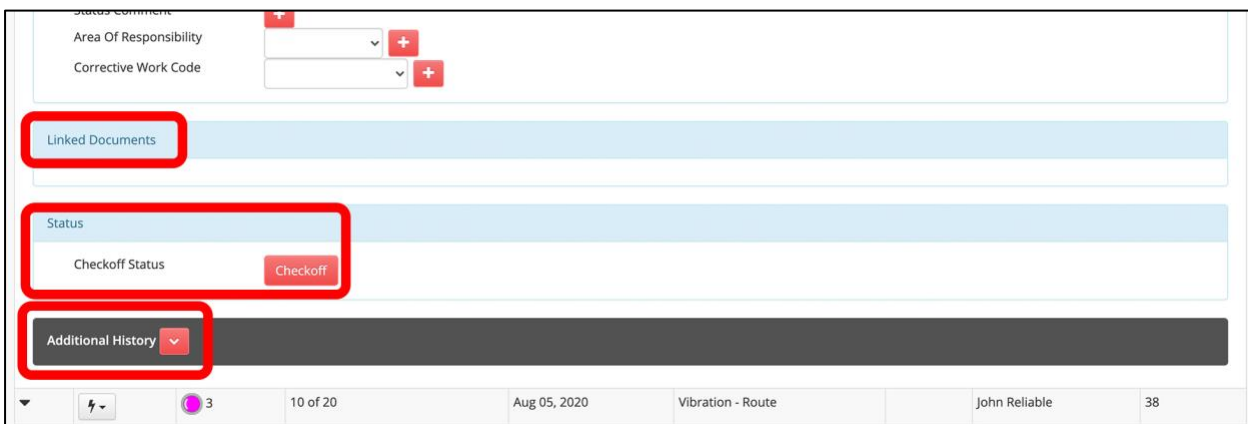
V. Condition Case Details Page

Each "Condition Case" shown on the dashboard has the details of each "Open Condition Entry" of the case provided in the "Details Page." This page can be accessed by selecting either the Lightning Bolt Icon or by clicking on the "Severity Name" in blue.
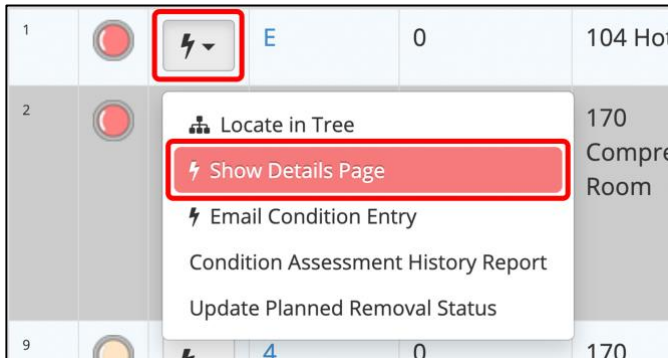
Top half of the "Condition Case Details" page. The newest Entry is shown first.
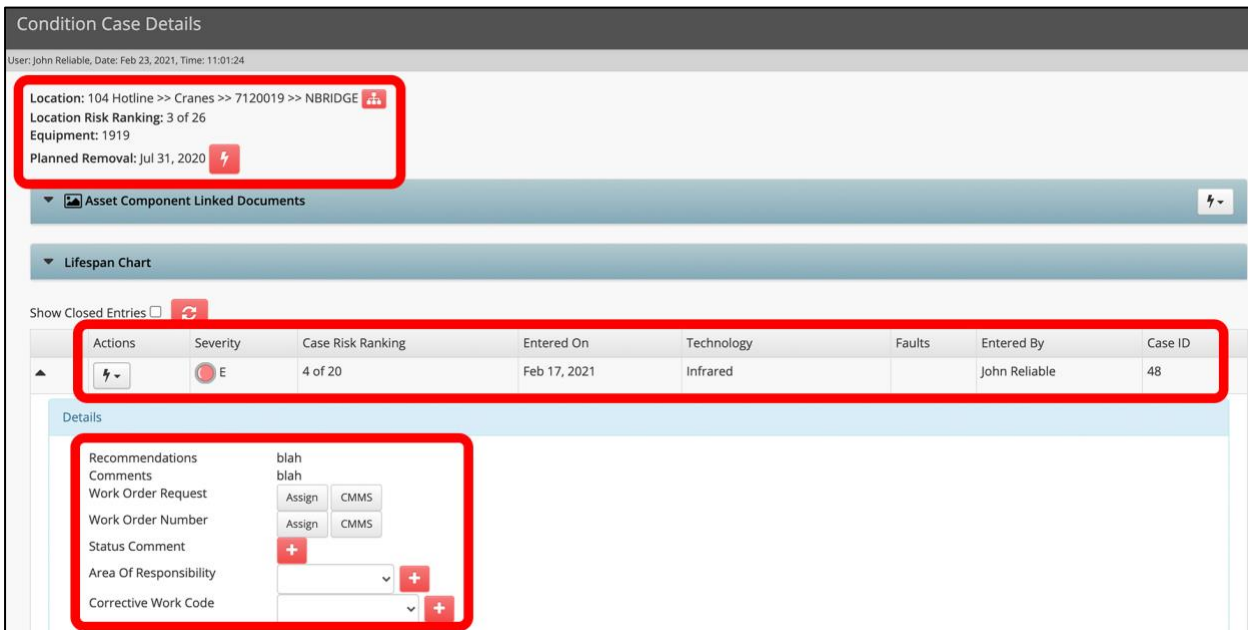
Bottom half of the "Condition Case Details" page. Any additional entries are shown under Additional History.

VI. Checkoff and Close

Condition Entry Checkoff may be done from the Details Page of the Condition Entry Page. The Checkoff is to be performed when the work order(s) for the case are completed.

Once a Checkoff has been performed, the Case Closure button becomes available as the last column in the Dashboard or on the Detail Page. The Case closure may only be performed when all Case Condition Entries are Checked off. Once Case Work Orders are complete validation of the repair's success should be done. The case may be closed by clicking the Close Entry button.

VII. Recently Closed Condition Entries

Closed Cases will be displayed at the bottom of the ICSR. You may specify the interval for the Closed Cases displayed with settings in the Database Admin.