



Tango Repair Tracker Quick Start Guide

Rev 2.0 April 2004

Log in Screen

The screenshot shows the login interface for Tango Repair Tracker. At the top, there is a blue header with the Tango logo on the left, the slogan "Equipment reliability is your key to World Class Maintenance" in the center, and the 24/7 Systems logo on the right. Below the header is a navigation bar with links for "Start Page", "Find Existing Equipment", "Add New Equipment", and "Log Out". The main content area contains the text "Please, enter user name and password to access Tango® ." followed by two input fields: "User Name:" with the value "shop1" and "Password:" with masked characters. A "Login" button is positioned to the right of the password field. Below the input fields is a link that says "Forgot your password? [click here](#)". At the bottom center of the page is a large 24/7 Systems logo. The browser's status bar at the bottom shows "Internet".

Plant and Repair Shop users see the same login screen on their web browsers. However, the functionality presented to Plant users after login is 'view only' while Repair Shop users can enter data about equipment repairs. 24/7 Systems creates Repair Tracker user names, passwords, and functionality type based on input from a Tango Partner Repair Shop.

Plant User Functions are covered in this guide.



Plant User Functions

Summary of Plant User Options

Start Page Find Existing Equipment Add New Equipment Log Out

Plant Equipment Repairs Options

Company Big Corp
Plant Louisville, TN
User Name Plant1

Equipment Actions
Find a Piece of Equipment

Equipment Being Repaired

	Shop Name	Equipment Type	Plant Tag	Start Date	Plant PO Number	Plant Requisition Number	Shop Tracking Number
View	Shop1	Motor - DC (All Types)	pt134	Apr-01-2004	po1234		sn1234

Recently Repaired Equipment (Last 30 Days)

	Shop Name	Equipment Type	Plant Tag	Start Date	End Date	Plant PO Number	Plant Requisition Number	Shop Tracking Number
View	Shop2	Motor - AC Induction	EFP1	Apr-01-2004	Apr-23-2004	12345		efp12345

There are 3 major Plant User options on the Repair Tracker 'Start Page':

Equipment Actions:

- 1) Find a piece of equipment to view design information and repair history.

Equipment Being Repaired:

- 1) View a list of equipment currently out for repair.
- 2) View design information, repair status, and repair history for a specific piece of equipment.

Recently Repaired Equipment:

- 1) View a list of equipment that has been repaired within the last 30 days.
- 2) View design information, repair status, and repair history for a specific piece of equipment.



Equipment Actions:

1) Find an existing piece of equipment:

Start Page Find Existing Equipment Add New Equipment Log Out

Equipment Search Options

Choose one of the following options to search for a repair record

Repair Information

Plant Purchase Order find

Plant Requisition Number find

Shop Tracking Number find

Specify a date range to determine what was being worked on during that period

Repair Date Range

Start Date End Date

find

Note: The date range search looks for repairs starting between the specified start and end date OR repairs ending between the specified start and end date.

Choose one of the following options to search for a piece of equipment by its required equipment properties

Equipment Properties Search

Search All Equipment Types

Motor - AC Induction (Motors)

Motor - AC Synchronous (Motors)

Start Page Find Existing Equipment Add New Equipment Log Out

Equipment Type: Motor - AC Induction *Required Property

Plant Tag*

Serial Number*

Frame Size*

Model Number*

Motor Mfg*

Plant Account*

Power* >> Horsepower

Speed* >> RPM

Voltage - Stator* >> Volts

Start Page Find Existing Equipment Add New Equipment Log Out

Equipment Search Results

	Equipment Type	Plant Account	Plant Tag
View History	Motor - AC Induction	Big Corp, Louisville Eng	efp2
View History	Motor - AC Induction	Big Corp, Louisville Eng	DH1
View History	Motor - AC Induction	Big Corp, Louisville Eng	DH001
View History	Motor - AC Induction	Big Corp, Louisville Eng	DH002
View History	Motor - AC Induction	Big Corp, Louisville Eng	DH003

This function can be initiated from the Start Page or from the main task bar. After clicking 'Find a Piece of Equipment' the next screen allows the user to search based on Repair Information (Plant Purchase Order, Plant Requisition Number, or Shop Tracking Number), Repair Date Range, or Equipment Type. A '*' for wild card may be used. From the list of search results, click on 'View History' to see repair history or in the Plant Tag column to view and edit equipment design information.



Equipment Being Repaired

- 1) View repair information from a list of equipment currently being repaired:

Repair Data Entry Form
Repair Shop: Vendor Shop #2

Equipment Type	Motor - AC Induction
Plant Tag	DH002
Company Name	Big Corp
Plant Name	Louisville Eng
Shop Tracking Number	S2-84309
Plant Purchase Order	BC04-040317
Start Date	Apr-03-2004
Due to Finish Date	Apr-06-2004

Incoming Comments
Remember: use balance spec BC-3A

Findings

	Finding Desc	Status	Comments	Problem Level
<input checked="" type="checkbox"/>	Balance Rotor	Fixed	left at < 1 mil	<Undefined>
<input checked="" type="checkbox"/>	Bearing Failure	Fixed	found water in lubricant	Primary Failure
<input type="checkbox"/>	Windings Shorted			

Linked Documents

Outgoing Comments
Balanced to BC 3B-1 spec

Repair Cost \$2,684.97
Repair Warranty End Date Apr-05-2005

This repair record cannot be saved:
The user is not a Repair Shop Vendor user

Clicking 'View' on the left of any repair entry opens the Repair Data Entry Form for viewing. A Plant User may not edit and save information in this form.



Equipment Being Repaired

- 2) View repair history or view & edit equipment information for a plant tag:

The screenshot shows a web application interface. At the top, there is a blue header with the text "Repair Data Entry Form" and "Repair Shop: Vendor Shop #2". Below this is a table with the following data:

Equipment Type	Motor - AC Induction
Plant Tag	DH002
Company Name	Big Corp
Plant Name	Louisville Eng

Below the table is a navigation bar with buttons: "Start Page", "Find Existing Equipment", "Add New Equipment", and "Log Out".

The main content area is titled "Equipment Definition" and shows the following information:

Plant Tag: DH003
Equipment Type: Motor - AC Induction
Equipment Class: Motors

Equipment Properties

Frame Size	444T
Model Number	BFM123
Motor Mfg	Siemens Allis
Plant Account	Big Corp, Louisville Eng
Power	150 HP
Serial Number	ZV43898
Speed	1785 RPM
Voltage - Stator	460 V

At the bottom, there is a green section titled "Actions" with two buttons: "View Equipment History" and "Edit Equipment Definition".

Clicking on the Plant Tag near the top of the Repair Data Entry Form will open the Equipment Definition screen; the 'Edit Equipment Definition' button near the bottom of this screen will allow a Plant User to edit equipment definition fields.

Recently Repaired Equipment:

- 1) View repair information from a list of equipment repaired within the last 30 days:

Clicking 'View' on the left opens the Repair Data Entry Form for viewing closed repairs.

- 2) View Equipment History or View & Edit Design Information for a Plant Tag:

Clicking on a Plant Tag opens the Equipment Definition, along with buttons for viewing the equipment repair history and editing the equipment definition.