Component Demount

Version 6.6.3

A component of the Wheel Shop Management Suite (WSMS)

User Guide

Revised 2021-08-20

Contents

Introduction 1

Overview 1

Layout 1

System Requirements 2

Getting Started 3

Installing Component Demount 3

Initial Setup 7

Login 8

Menu Bar 9

Home 9

Documents 9

Chat 9

Get Log Files 9

Get Support 9

Clock 10

Home 11

User 11

Help 11

System 11

Production 12

Machine Inspections 12

Home ..... **Error! Bookmark not defined.**

User ..... **Error! Bookmark not defined.**

Help ..... **Error! Bookmark not defined.**

System ..... **Error! Bookmark not defined.**

Production ..... **Error! Bookmark not defined.**

Maintenance ..... **Error! Bookmark not defined.**

Machine Inspections ..... **Error! Bookmark not defined.**

Barcode Scanner and Labels 13

Diagnostics 13

©2021 Arkansas Industrial Computing, Inc.

Scanners 13
Adding a Scanner 14
Labels 15
Label Definition Wizard 15
Database Connection Settings 18
Machine Setup 22
General 22
Data Elements – Component Settings 23
Scan Order 24
Locations 25
Wip Ids 26
Machine Inspections 26
Report Printing 28
Settings – Plugins 28
Queues 29
Chat 30
Get Support 31
Document Viewer 32
Downtime 33
Set out of service 33
Return to service 34
Machine Inspections 35
Inspection History 35
Component Demount Operation 37
New Assembly 38
Demount 42
Component Data 42
Demount Data 42
Search and History 43
Appendix A: License 46
Appendix B: Contact Information 49

Introduction

Overview

Component Demount is part of the Wheel Shop Management Suite. It is used to record component demounting operations and help track scrap material.

Layout

Component Demount contains two main screen areas. The menu bar located across the bottom of the screen and the client area above the menu bar. The menu bar is used to access important features, like returning to the home screen. For more details see the topic on the Menu Bar. The client area is for displaying data and changes based on the current operation.

©2021 Arkansas Industrial Computing, Inc.

System Requirements

This application has minimum system requirements as described below. These requirements must be met for the application to operate as designed.

This application supports the following Microsoft Windows operating systems.

- Windows 8.1 (x86 and x64) [1]
- Windows 10 (x86 and x64) [1]

The application requires the Microsoft .Net Framework (4.6.2 or later) which can be obtained from https://dotnet.microsoft.com/download

The application requires the following hardware at a minimum.

- 2.0 GHz Processor
- 1 GB installed RAM
- 100 MB available disk space
- Ethernet Card

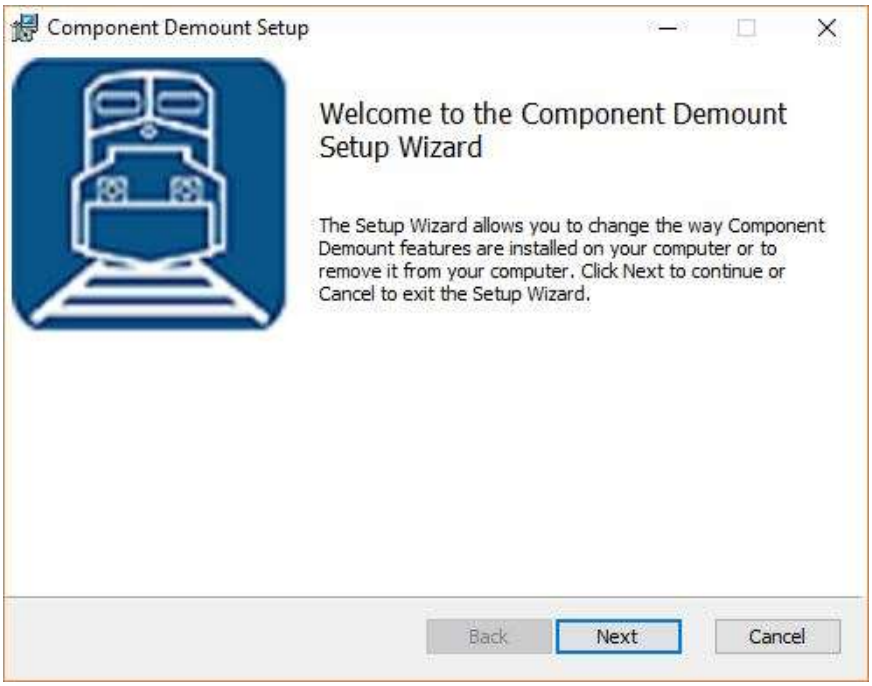
[1] When installed on a 64 bit operating system, the application will run in a subsystem of Windows called WOW64 (Windows-on-Windows 64 bit). WOW64 is included on all 64 bit versions of Windows and is designed to make differences between the operating systems transparent to the user.

Getting Started

Installing Component Demount

As with most software you will need Administrator rights to install Component Demount.

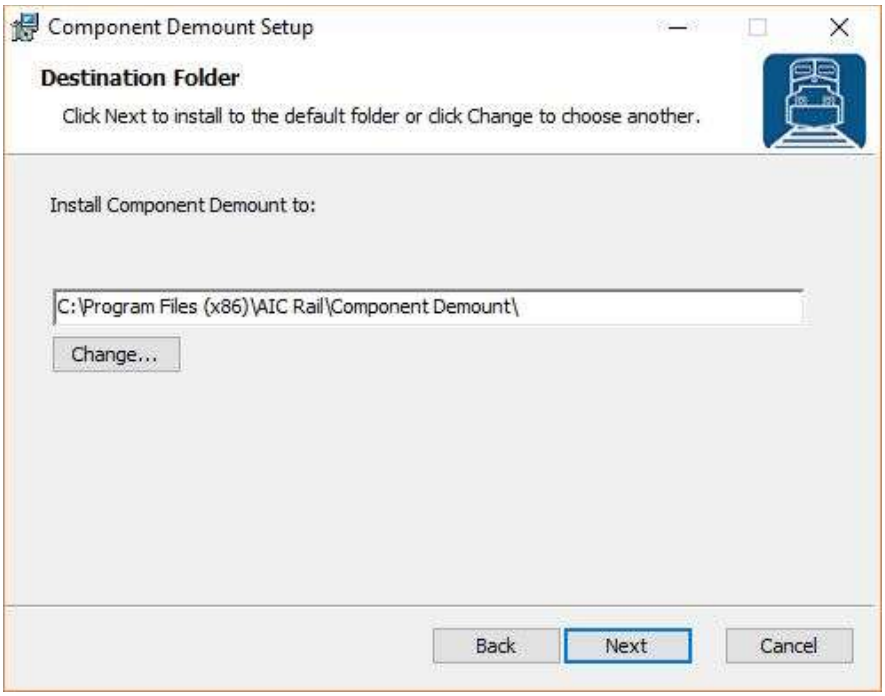
To install Component Inspection, you will need the latest version. Run the setup program and follow the on-screen prompts as described below. Contact our support team for assistance.



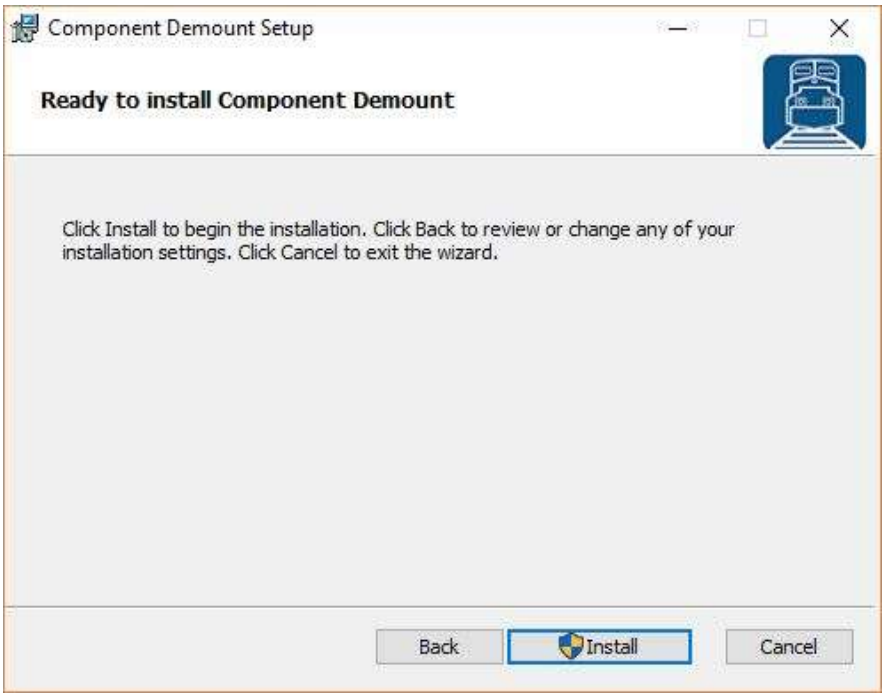
Click **NEXT** to continue.

©2021 Arkansas Industrial Computing, Inc.

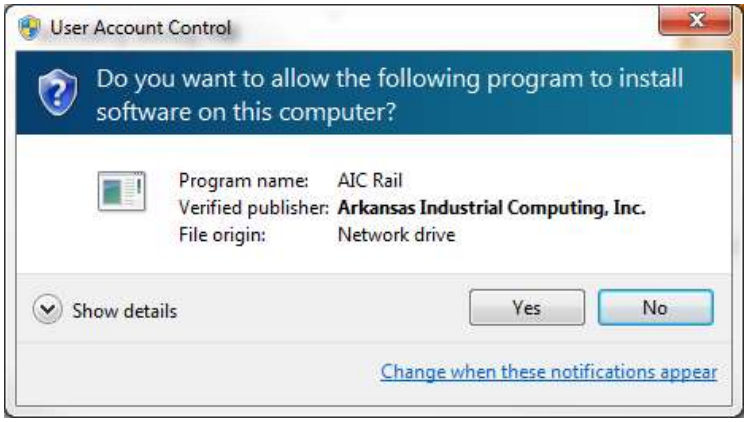
Accept the License Agreement and click **NEXT**.



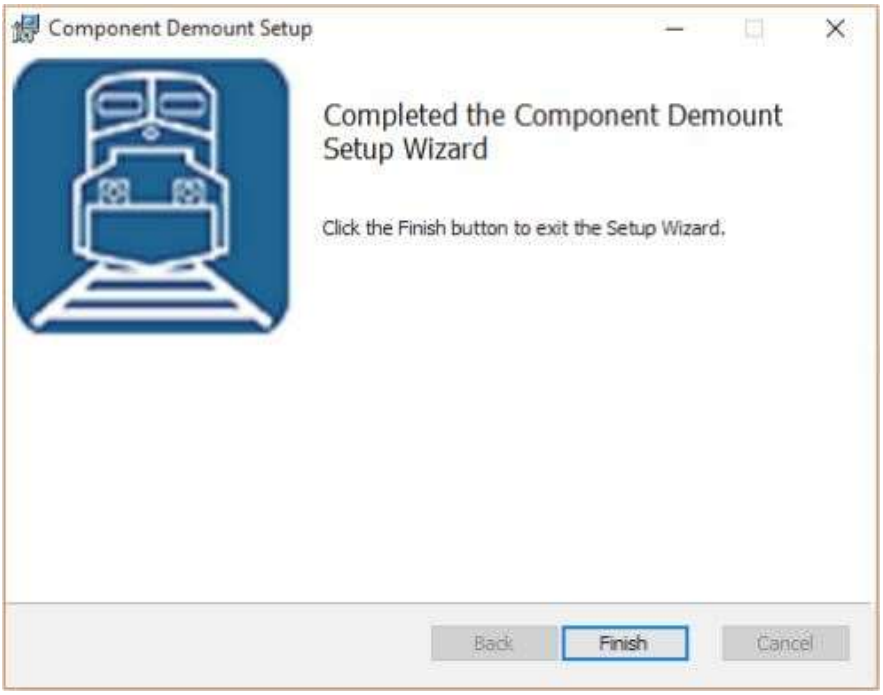
Select the location where you would like to install Component Demount and click **NEXT**.



Click **INSTALL** to begin the installation



You may be asked to allow the setup program to install Component Demount on your computer. Click **YES**.

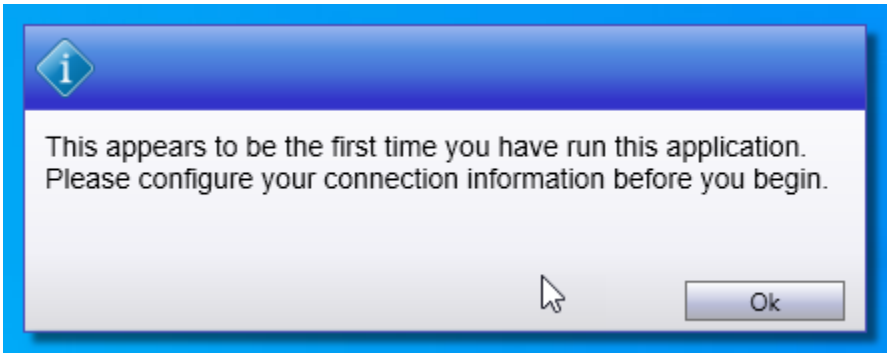


When the installation has completed, click **FINISH** to close the setup application.

Initial Setup

Once you have installed Component Demount you can double click the desktop shortcut to start the application.

Component Demount requires access to an instance of the WSMS database which can be installed on the same computer or any computer with network access and the required permissions. The first time you run Component Demount you will be prompted to enter your database connection information.



Refer to the section on Connection Settings for more information on configuring the database connection.

Login

Each user is given a unique username and password for the WSMS system authentication and accountability. You must provide your shift, username and password each time the application starts before you can begin using it. Your login also determines what functions you have permissions to perform. If you do not have this information, contact your manager or a system administrator.

Menu Bar

The menu bar is used to access the home screen, as well as important tools like Documents, Chat, and Get Support.

Home

Navigate to the Home screen. For more information refer to the section on Home.

Documents

Opens the Document Viewer portal for viewing electronic documents. For more information refer to the section on Document Viewer.

Chat

Opens the Chat feature for communicating with other WSMS users or stations. For more information refer to the section on Chat.

Get Log Files

Used to retrieve the diagnostic log files so they can be sent to AIC Support team. After clicking Get Log Files you will be prompted for a folder and file name to save the information to a ZIP file. After saving this file, you can send it to AIC Support for help troubleshooting. For more information contact AIC Support.

Get Support

Used to submit a support ticket for the current station. Refer to the Get Support section for more information.

©2021 Arkansas Industrial Computing, Inc.

Clock

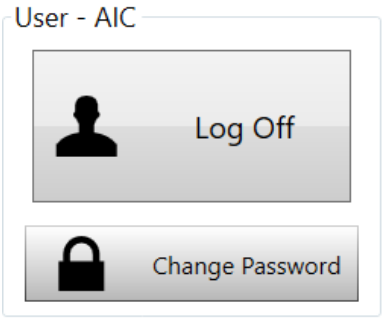
Displays the current time of day based on the computer date and time settings.

Home

The Home screen provides access to the important settings and features of Component Demount. Features are grouped together based on their purpose.

User

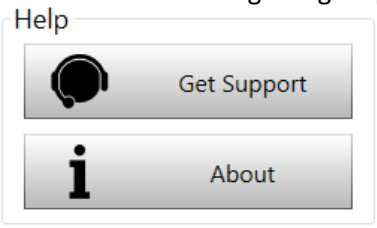
Displays the currently logged in user.



- Log Off - logs out the current user.
- Change Password – Opens the change password dialog to let the currently logged in user change their password.

Help

Provides information for getting help with the current application.



- Get Support - Opens the AIC Support website in the default web browser. This requires internet access be available at the station.
- About - Opens the About dialog that displays information about the current version of the application.

System

Provides access to configuration and setup for the current station.

- Downtime – Navigates to the Downtime screen for managing the current machine status. Refer to the section on Downtime for more information.
- Scanners - Opens the scanners dialog to troubleshoot problems with your barcode scanner, or to configure a new scanner or barcode label. Refer to the section on Scanners for more information.
- Machine Setup – Opens the settings dialog to configure settings for this machine. For more information refer to the section on Settings.
- Connection Settings – Opens the Connection Settings dialog to configure the database connection information for the WSMS database. For more information refer to the section on Database Connection Settings.
- Exit – Closes the application and returns to the Windows desktop. The user must have 'ExitApplication' permission to be able to exit the application.

Production

These are the most common functions and will be available to all users that have access to log in to the application.

- Demount – Navigate to the search screen to find the assembly you are demounting
- History – Navigate to the History screen to review data for the assemblies that have been demounted from this machine. Refer to the section on History screen for more information.
- New Assembly – Navigate directly to the Demount screen. A new assembly record will be created along with the component records for both the demounted components and any subcomponents that remain on the assembly after demounting is complete.

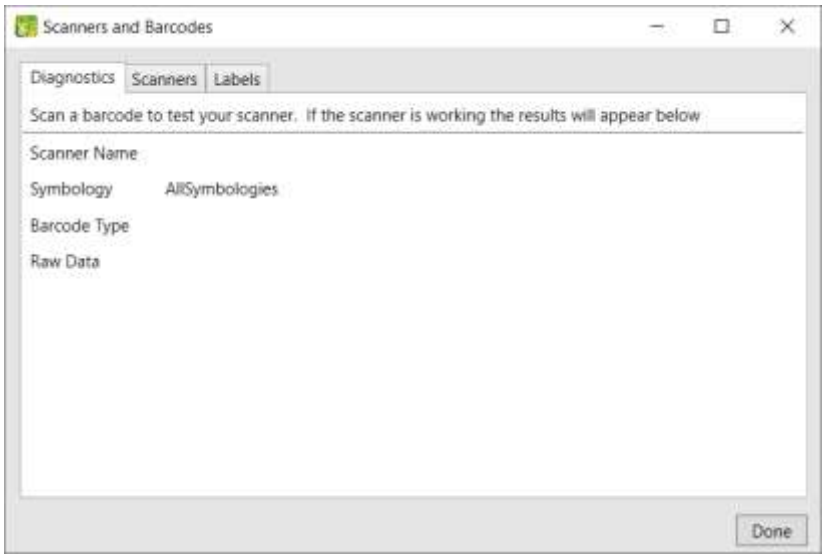
Machine Inspections

Provides access to the Machine Inspections feature for recording periodic setup, maintenance, and validation inspections. Machine Inspections let you record electronically what you previously had to keep up with on paper. For more information on Machine Inspections refer to the sections on setting up Machine Inspections and performing Machine Inspections

Barcode Scanner and Labels

Diagnostics

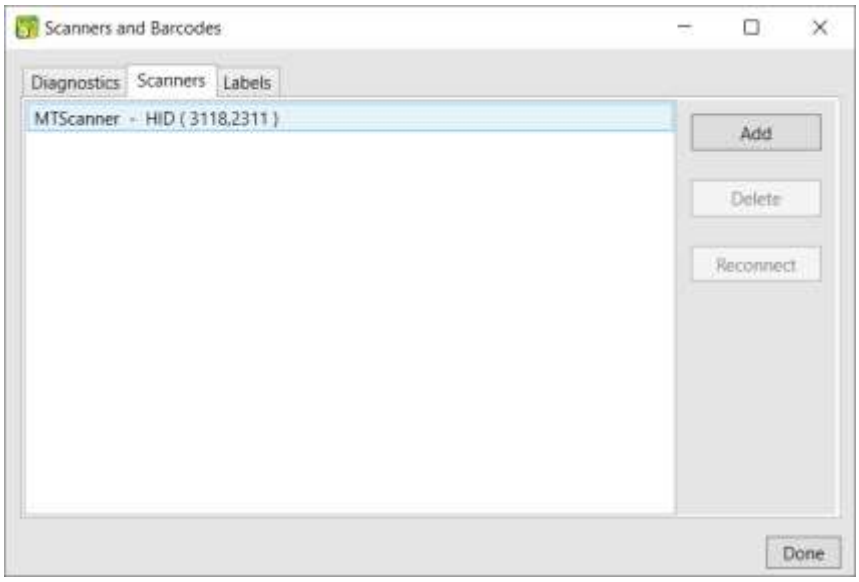
Test and diagnose issues with barcode scanners. While on this tab, scan a barcode with one of the barcode scanners connected to the machine. If the scanner is set up properly, you should see the barcode and scanner information populate.



- Scanner Name – The name assigned to the scanner that read the barcode. If more than one scanner is configured this name should be unique to help you identify the scanner.
- Symbology – The Symbology of the barcode that was scanned. It will either show the symbology like **DataMatrix, Code128, PDF417, etc.** or it will show **Unknown** If the symbology cannot be detected. When the symbology cannot be detected the scanner most likely is not configured to transmit the AIM ID prefix that identifies the barcode symbology. This may cause the barcode to be misidentified or not identified at all.
- Barcode Type – The label definition type that was matched to the barcode being scanned. If the Barcode Type is Unknown, it means the barcode that was scanned is not matching any of the known label definitions, either because the data is in the wrong format or the symbology does not match. Refer to the section on Labels for more information.
- Raw Data – The character string that was read from the barcode, not including the symbology AIM ID prefix if it exists.

Scanners

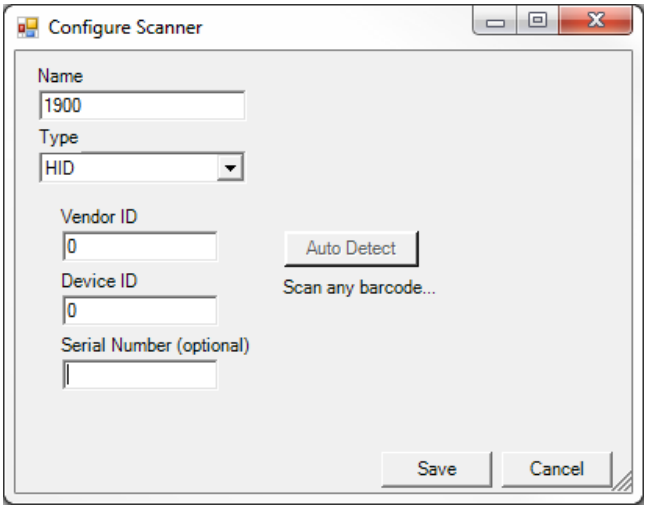
View and configure barcode scanners.



- Add – Configure a new barcode scanner for use with the application.
- Delete – Remove the selected barcode scanner from use.
- Reconnect – Disconnect the selected barcode scanner and attempt to reconnect.

Adding a Scanner

To add a new scanner, Click Add. In the popup dialog, enter a name to identify the scanner and select the scanner interface type (HID, RS232, etc).



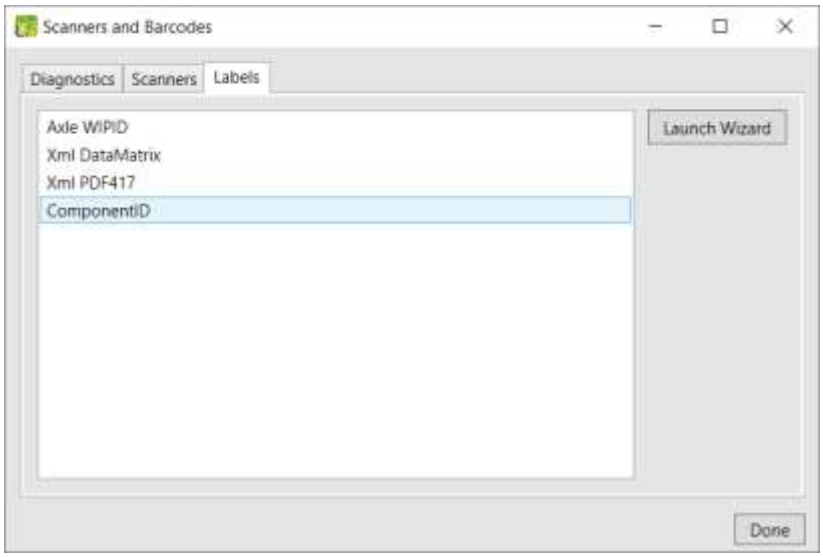
Depending on the Type selected, you will need to enter some parameters that are required to connect to the scanner. In most cases you can use the Auto Detect feature to automatically detect these parameters.

- Click Auto Detect button
- Scan a barcode (other than a programming barcode) with 15 seconds.
- A message will appear below the Auto Detect button to indicate if the auto detection was successful. The parameters should populate automatically.

Note: For USB barcode scanners, the Serial Number parameter is optional if you are only using one scanner at the station. Leaving it blank will allow you to replace a scanner without having to reconfigure it, as long as the make and model are the same. If using more than one scanner (example: Wheel A and Wheel B or Left and Right) the serial number is required to distinguish between the scanners.

Labels

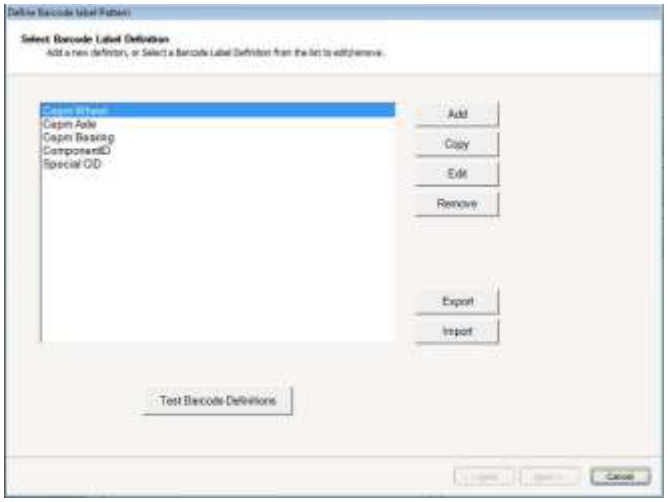
View and configure barcode label definitions. Label definitions help the system to identify different types of barcode labels. For example WIP ID labels vs 1D Component ID labels vs 2D Component labels (Wheels, axles, etc).



- Launch Wizard – The only way to configure a label definition is with the Label Definition Wizard. Click Launch Wizard to start the label definition wizard.

Label Definition Wizard

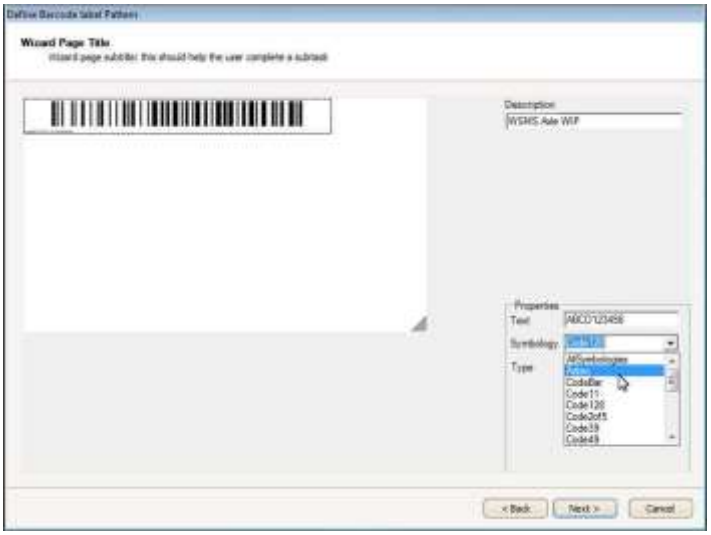
The first page of the Label Definition Wizard lists all of the current definitions and provides controls to add, edit, remove, etc.



- Add – create a new label definition
- Copy – create a new label definition by copying the selected label definition
- Edit – Modify the selected label definition
- Remove – delete the selected label definition
- Export – save the current label definitions to a file so it can be imported to another system
- Import – select a file that was exported from another system to import into your system
- Test Barcode Definition – go to the Test Label Definition screen to scan a label and verify it is properly detected.

Add Label Definition

To add a new barcode label definition, click ADD. You will then add the label definition description and properties such as the Symbology and Barcode type. Click NEXT, to configure the barcode label.

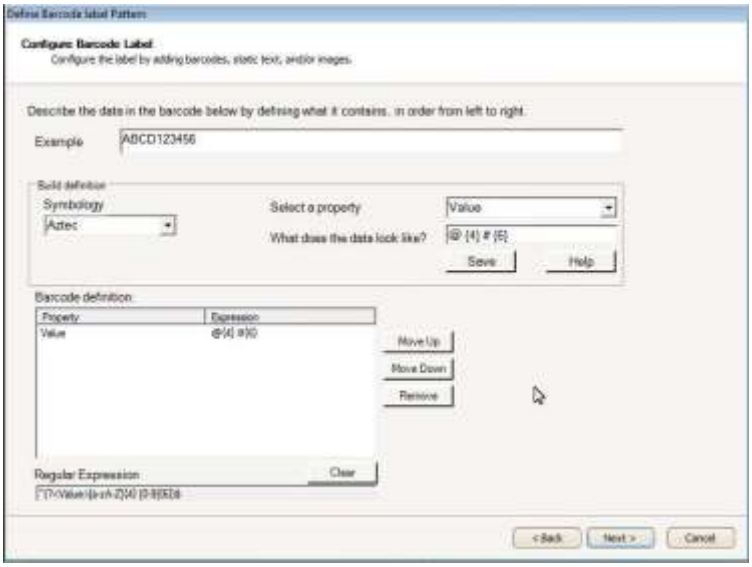


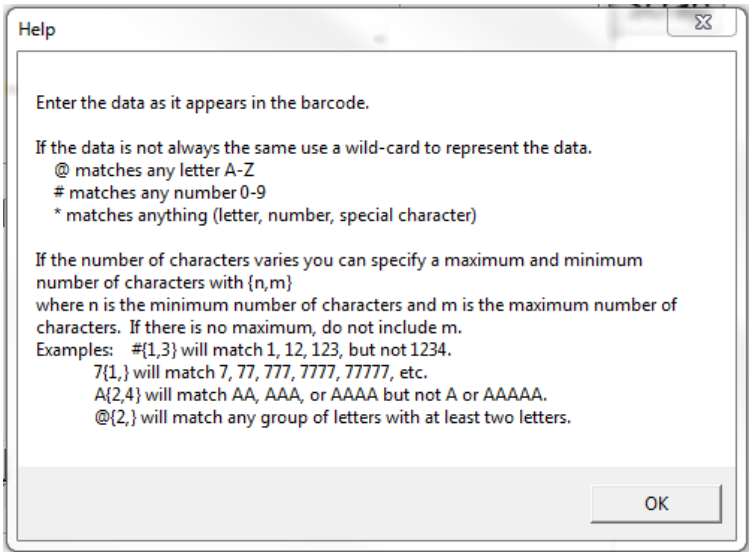
Configure Barcode Label

Add a new label definition or select and existing label definition and click Copy or Edit.

Configuring the barcode label requires describing the data that will be in the barcode. Define what data elements are contained in the barcode in order from left to right of the barcode raw data. Define individual properties of the data and what the data looks like in the “What does the data look like?” box. Use the Help button to guide you through the correct syntax.

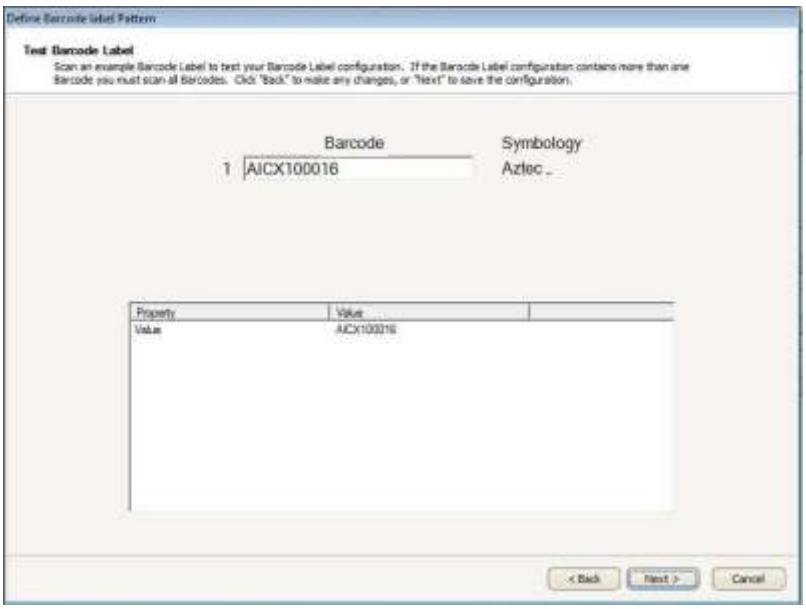
Select the correct barcode symbology.





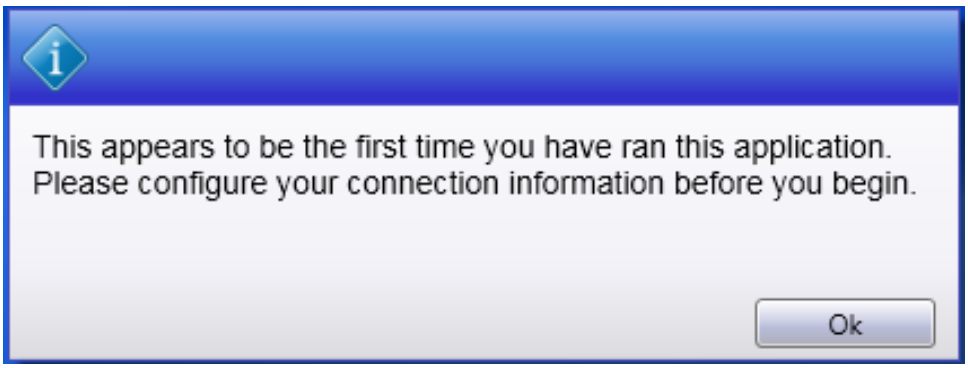
Test Barcode Label

Once you have configured your barcode label you can test the definition. Scan an example barcode label. If the barcode label configuration contains more than one barcode you must scan all barcodes. Click “Back” to make any changes, or “Next to save the configuration.

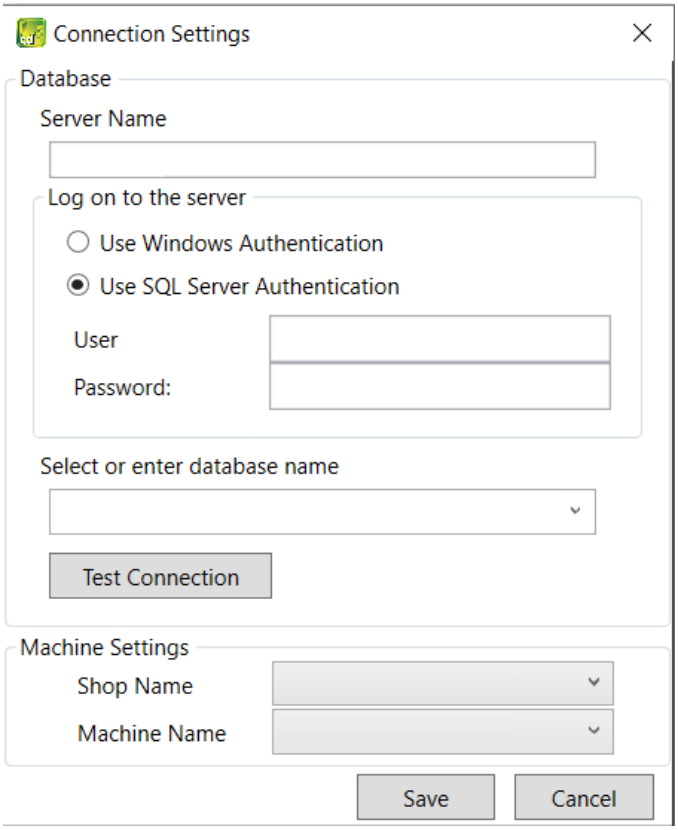


Database Connection Settings

Access to an instance of the WSMS database is going to be required, which can be installed on the same computer or any computer with network access and the required permissions. The first time you run the application you will be prompted to enter database connection settings.



Click **OK** to display the Connection Settings dialog. Enter Server Name, User, password.



A list of available databases will appear after typing the security information. Select the desire database. If you are unsure about the Server Name, User or password, contact your IT Department or our [support team](#).

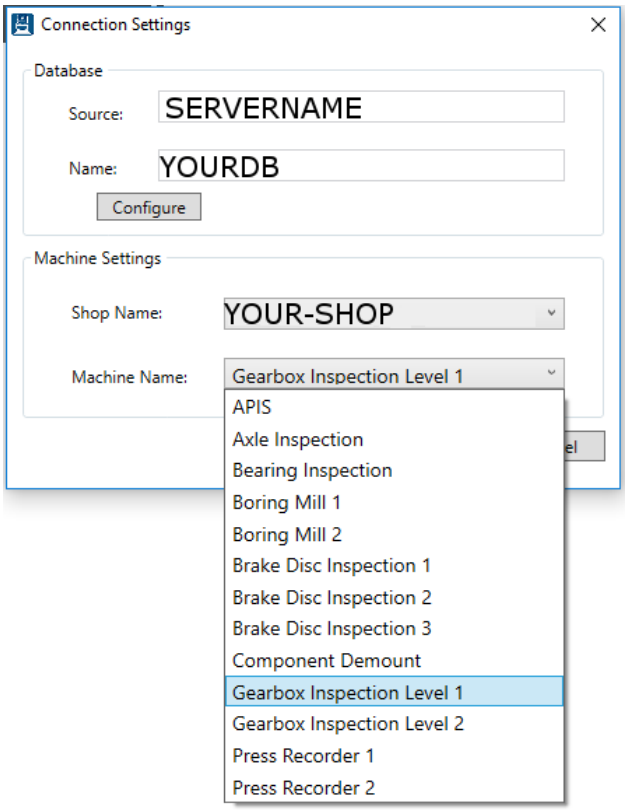
Click **TEST CONNECTION** to verify your settings. If the information you enter is correct, you will see the following dialog, click **OK** to continue.

Once you have configured the Database Connection information click the **Shop Name** drop down to select the location for which you want to configure this installation. WSMS can support multiple

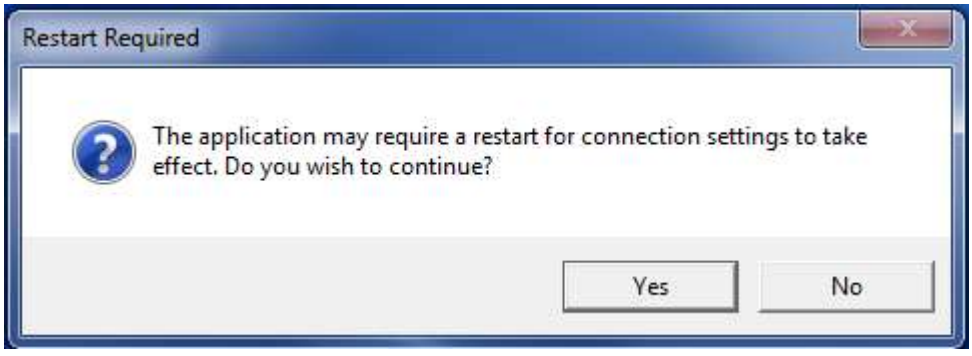
locations or ‘shops’ hosted in one database. To isolate the data and settings to your location you must provide this information.

After you have selected the Shop Name click on **Machine Name** and select the machine you are installing on. Some settings are stored per machine so this setting will be used to differentiate each installation.

Click **OK** to save your changes.



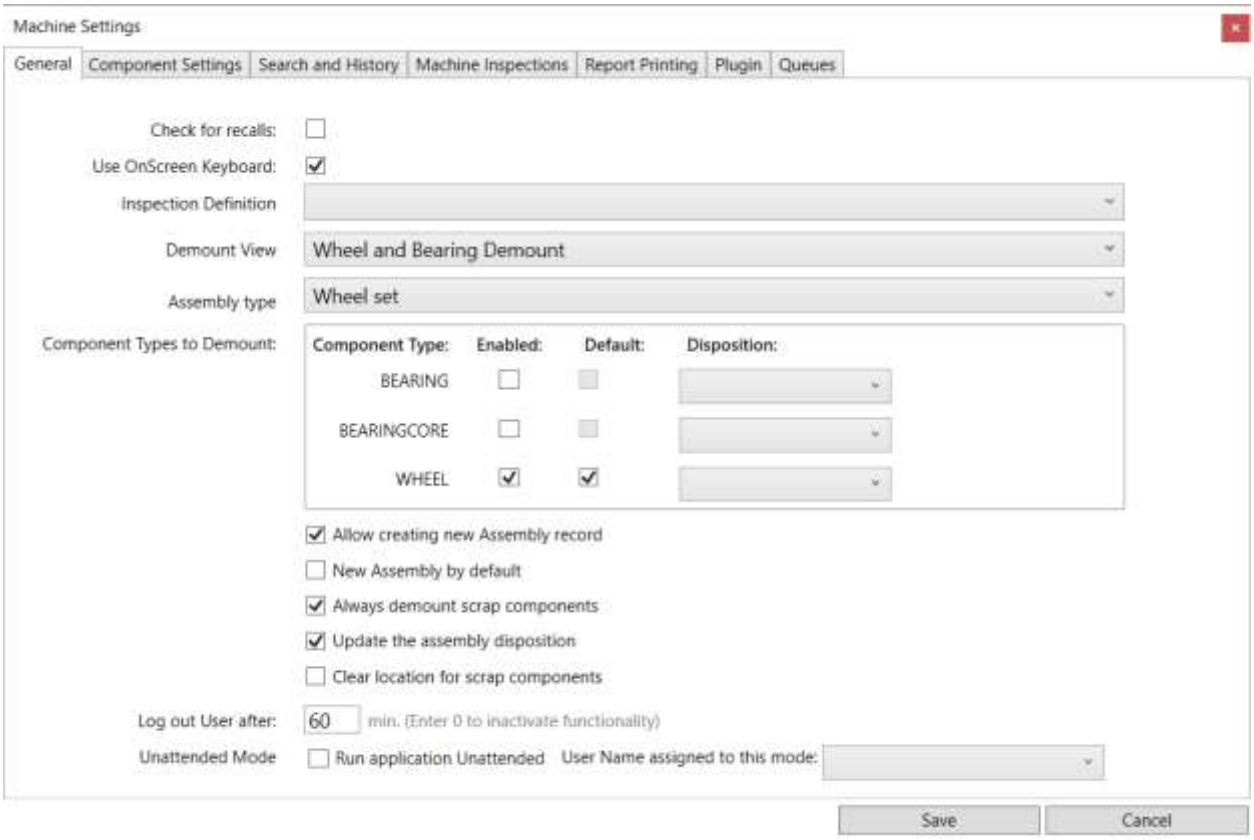
Once you have entered your database settings the application may require a restart for the connection settings to take effect. Click **YES** to restart.



You will then be taken to the Log On screen. After configuring the database connection, the Log On screen will be the first screen you see each time you run the application.

Machine Setup

General



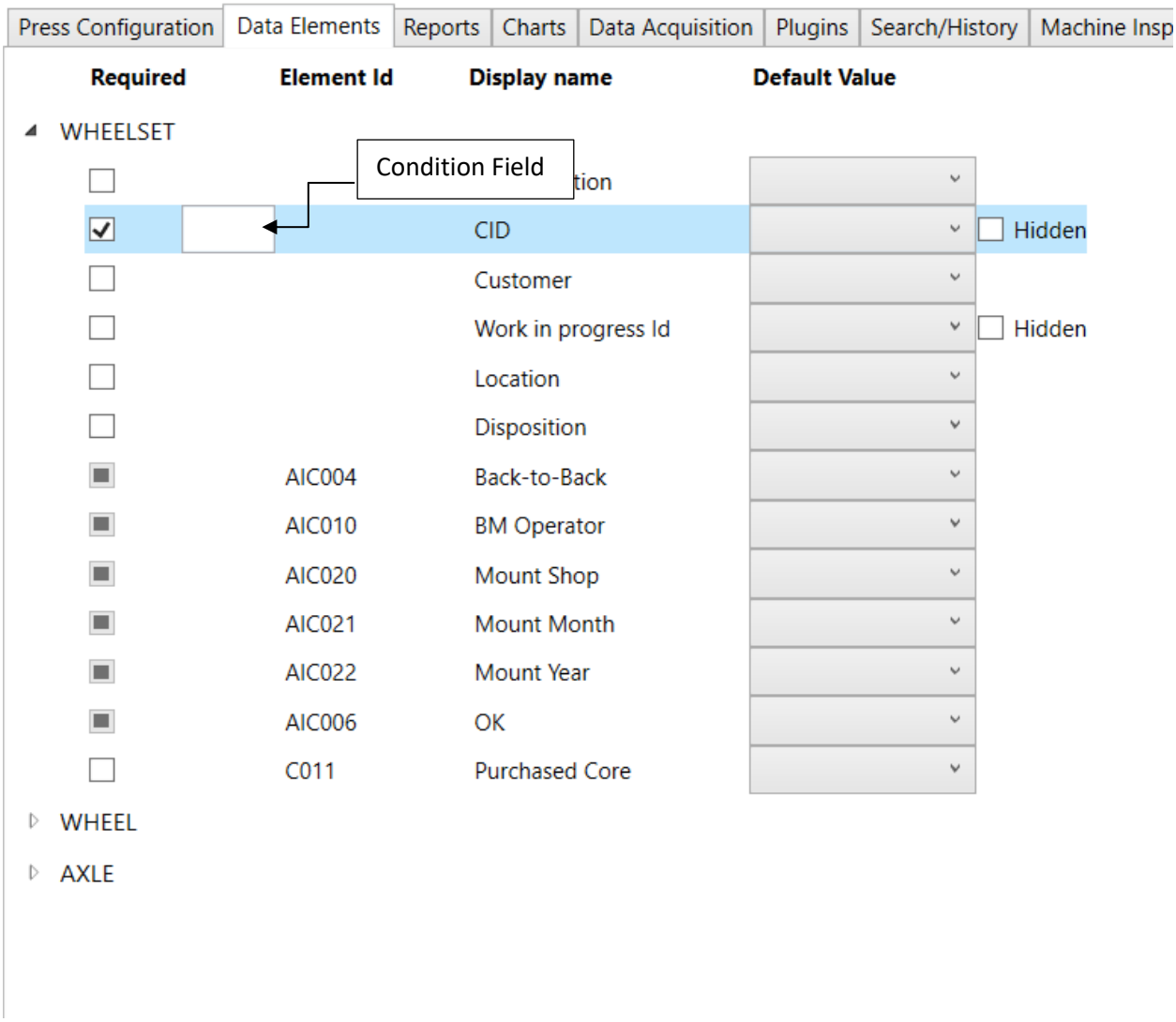
- Check for recalls – Recall criteria can be configured in the WSMS6 database. When checked any component information that matches the recall criteria will get flagged and will notify the operator. Contact AIC Rail for more information on recalls.
- Use OnScreen Keyboard – When checked, the application will display an on-screen keyboard any time data entry is desired. This is useful for touchscreen interfaces.
- Inspection Definition – Select a preconfigured inspection to collect demount data.
- Demount View – Select a preconfigured user interface for collecting component and demount data.
- Assembly Type – Assembly type to be working with in this application.
- Component Types to Demount – Select which component types you will be demounting at this station, which get to be demounted by default, and what disposition status to apply.
- Allow creating a new assembly record– Demount station by default doesn't let you create a new assembly, turn on this feature to be able to create a new assembly on this station.
- New Assembly by default– Turning this feature will automatically create a new assembly every time.
- Update the assembly disposition– After a new entry, this option will update the disposition of the assembly
- Clear location for scrap components– Remove the location for those components that are set for scrap

- Log out User– This option will log out the current user and force them to login again after the set minutes.
- Unattended Mode–This mode will not require a user to be login and will automatically save an entry.

Data Elements – Component Settings

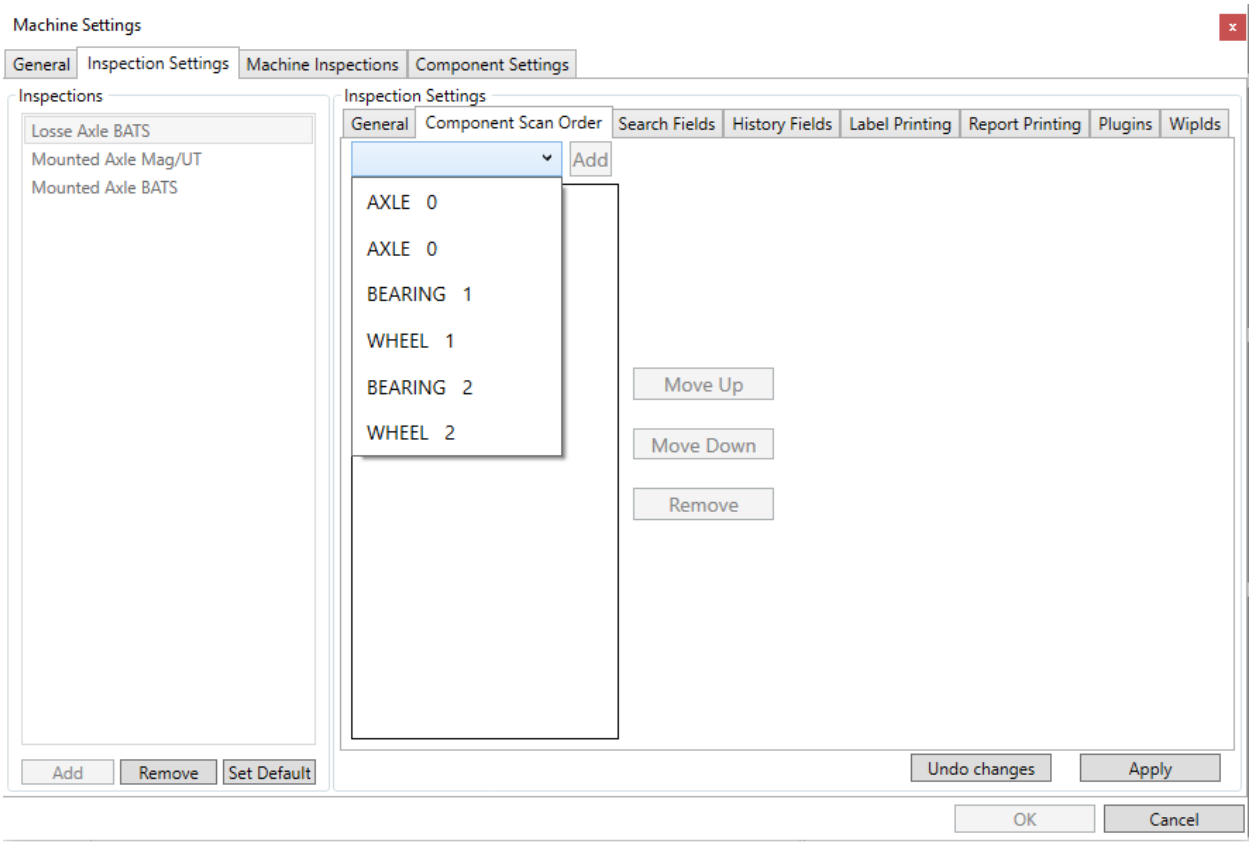
Use the Elements options to configure what data is required and if it should have a default value for new components. Data Elements marked as required must have a value before the component will save. To set a Default Value enter the value of "=lastvalue" to have the data from the last component populated.

You also have the option to type certain conditions as to when this element value is required.



Scan Order

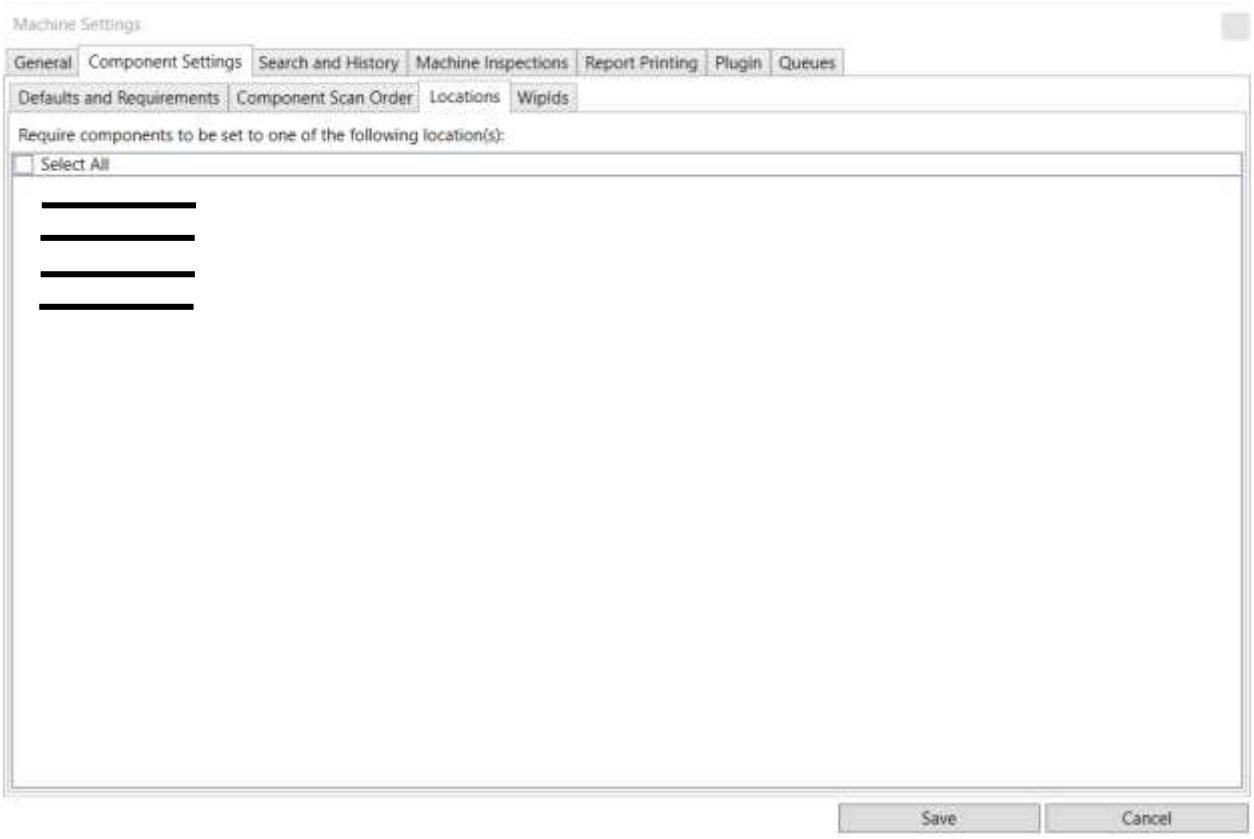
Define the order in which data scanned is going to be assigned to the components to scan, it will automatically place the scanned information following the order entered in this configuration.



Select a component from the list and click on “Add”. Use the buttons “Move up”, “Move Down” and “Remove” to place the components in the desire order.

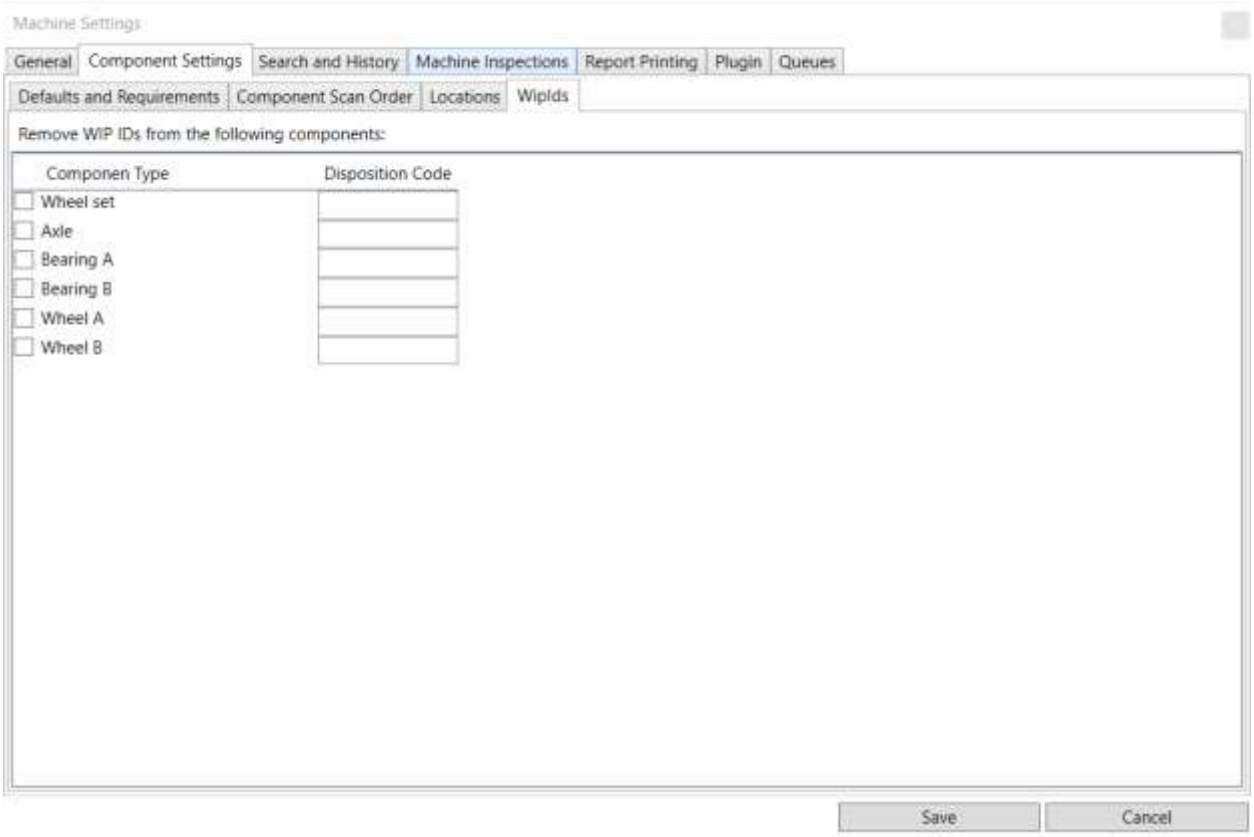
Locations

Locations offers a way to organize components and now where they are at the shop. In this section you can require a component to be set one of the locations selected. It will control where the components are coming from and prevent components arriving from other unauthorized stations.



Wip Ids

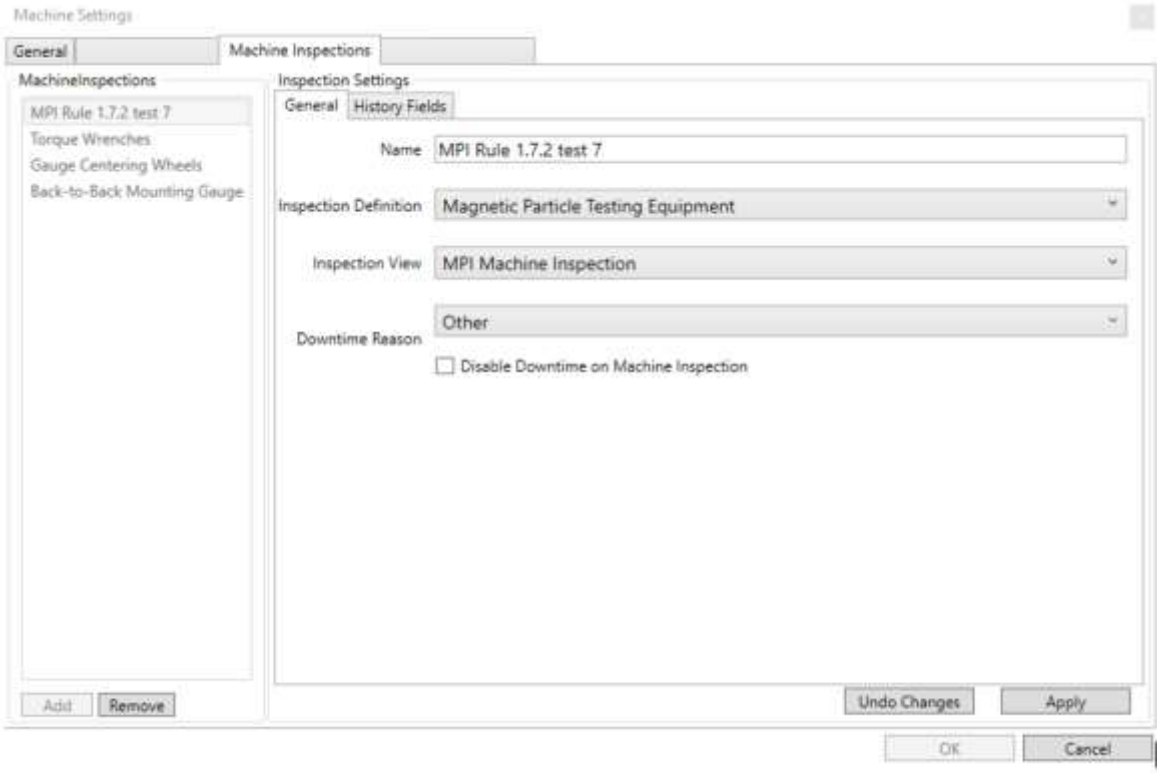
Check the box for the components you wish to remove wip ids when saving components.



Machine Inspections

Configure the inspections to be performed in the machine station to ensure quality and good performance during production. It has same functionality as a normal inspection with some variations.

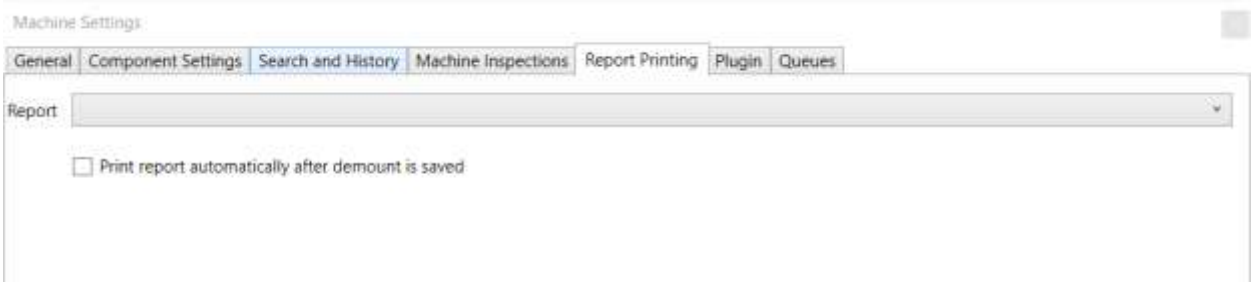
- Name – Set a name for the Inspection.
- Inspection Definition – Select a preconfigured inspection definition for that machine.
- Inspection View – Select a preconfigured user interface for collecting component and inspection data.
- Downtime Reason – Specify a default reason for the machine to be down. Check the box “disable downtime on Machine Inspection” to not put the machine on downtime during this inspection.



You will be able to register a new Machine inspection from the main menu in the application by clicking on the name of the inspection. To look at the previous inspections, click on the number at the right side, it will take you to the History search tab.

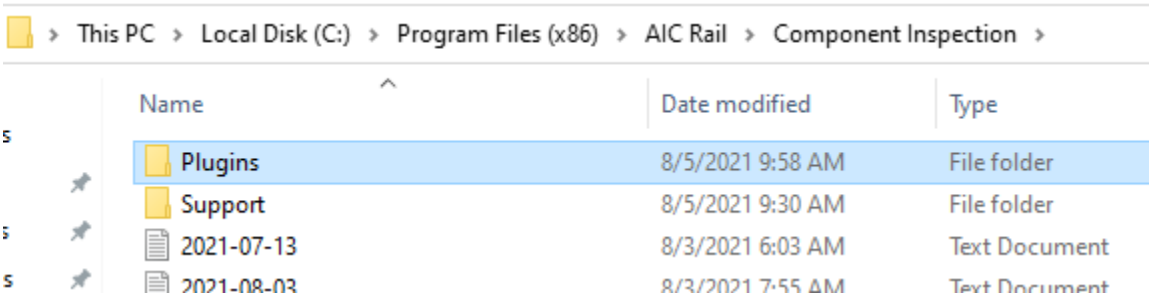
Report Printing

Select a report you wish to print after a component is saved.



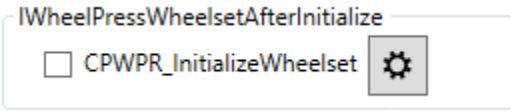
Settings – Plugins

The WSMS applications come with various plugin points in their code where custom behavior can be injected to fit them to your specific needs. In order to use a plugin, you will need to copy a plugin file, supplied by us, into the Plugins folder for your application. This folder needs to be located in the same directory as your application's executable file, typically C:\Program Files (x86)\AIC Rail\APPLICATION NAME.



If the Plugins folder does not exist, you may need to create it.

Once you have your plugin file in place, you can use the Plugins tab in the settings window to enable and configure your plugins. Each of the sections on the settings screen corresponds to a plugin point within the current application, and any plugins in your file will show under the corresponding section. To enable it, simple check the box next to its name.



If your plugin includes any configuration options, they can be accessed by clicking on the cog button next to the plugin name. Since not all plugins require configuring, this may not have any effect on your system.

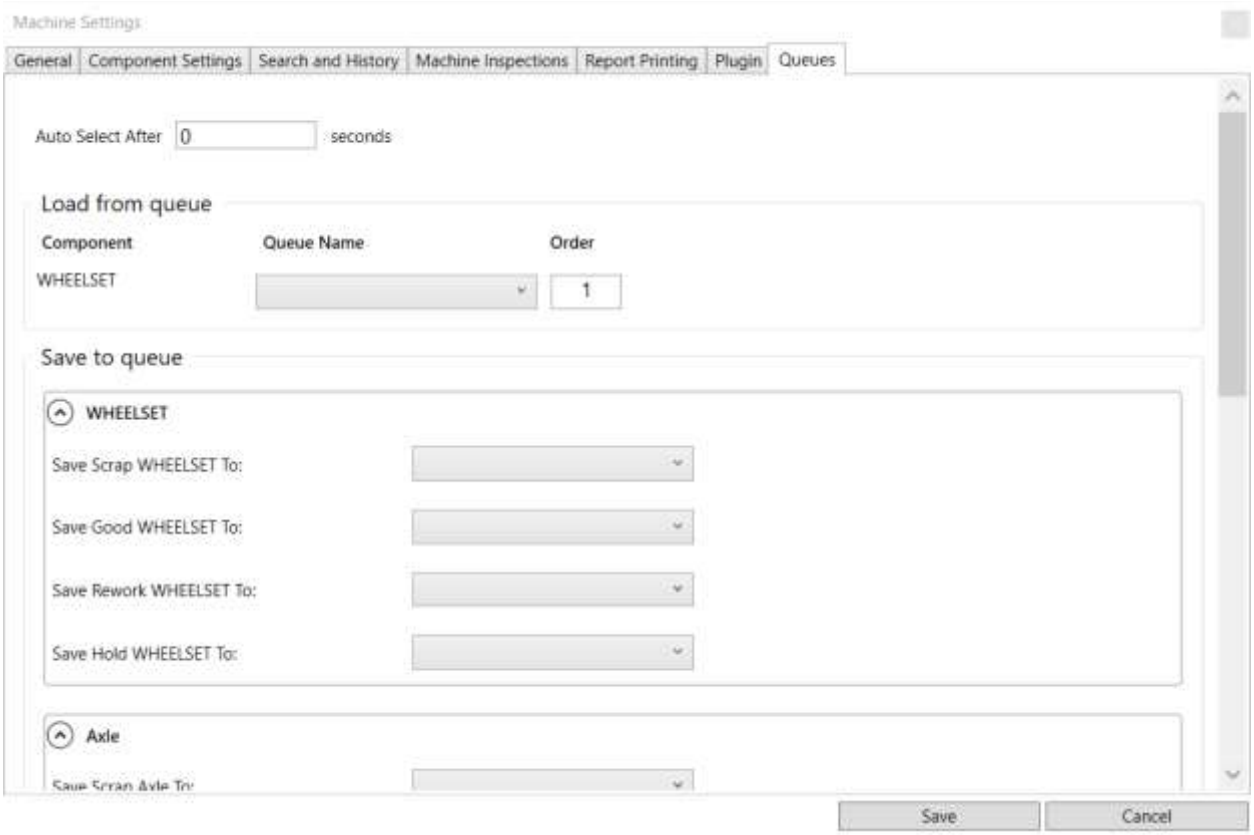
Queues

Queues work in two ways, the queue from where to load a component into your stations and a queue to set the component after saving.

Depending on the station, the queue list will vary, depending on the number of components the station starts with or ends with, and queues available for that station.

In case you have multiple components to load from a queue, you can also set the order they are to be loaded into your process.

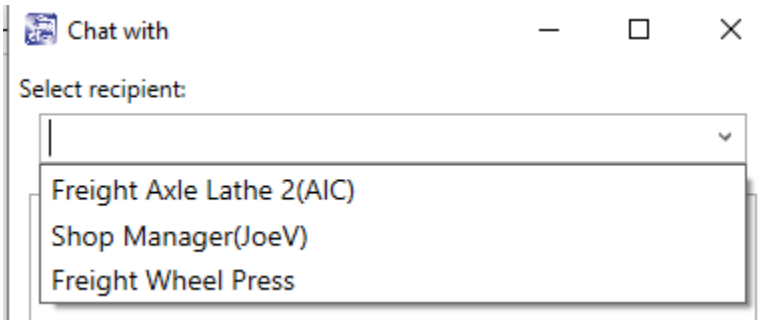
After saving you can determine where to send your components depending on the disposition status. A “good assembly” can go to a different queue, than a “rework assembly” or “scrap assembly”, although is possible to assigning all your assemblies to the same queue whether they are good or scrap.



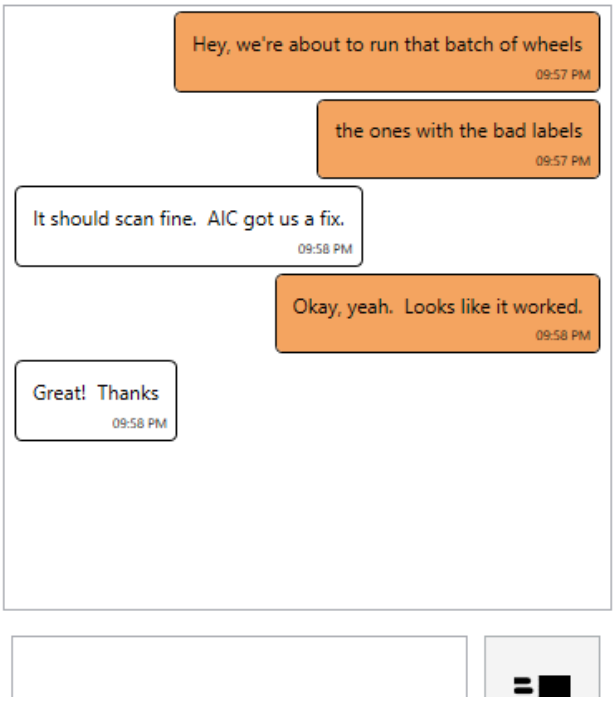
Chat

The Chat button can be used to communicate with other WSMS applications in your system.

Clicking it will open the Chat dialog. You can select a recipient from the dropdown based on the stations set up in your system.

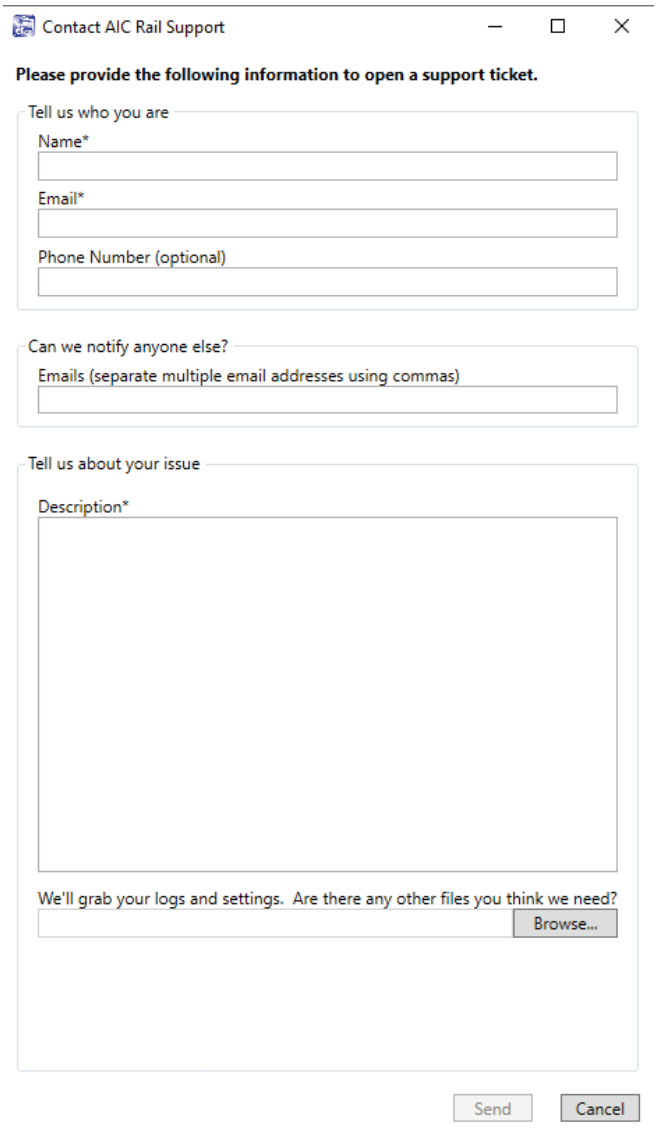


The name of each station is listed, and if a user is currently logged in, their name will appear in parentheses next to the station. You can send a message to a station even if no one is logged in, and it will display the next time someone is at the station. Messages you send will be shown in orange, and messages you receive will be shown in white.



Get Support

The Get Support feature will collect relevant information about your problem and attempt to submit a support ticket online (**ticket submission requires the WSMS6 Service to be running and have internet access**). Clicking the button will open the support dialog as shown below:



Name (Required): Your name, or the name of the relevant contact person.

Email (Required): The best email address to which we should respond with updates about your issue.

Phone Number: The best phone number in case urgent action is required.

Can we notify anyone else?: Include email addresses for any additional people who might need to be included on the conversation. You can enter multiple email addresses, separated with commas (,).

Description: Please include as much detail about the problem as possible. Information such as what you were attempting to do, which screen you were on, and any error messages that you received will help us resolve the issue more quickly.

We'll grab your logs and settings. Are there any other files you think we need?: We'll automatically package your logs, application settings, and take a screenshot. Use this dialog to include any additional files that we might need (ie. A document you're trying to import).

Clicking the Send button will attempt to submit the ticket to our support site. If your system is unable to submit the ticket, you'll get an error message prompting you to save the files locally. Once you select a location and file name, we'll create a .zip file containing the information you submitted and any files that would have been attached to your ticket. You can contact AIC Rail Support via email at support@aicrail.com and attach the .zip file or call us at 501-834-9540, and we'll give you more instructions on how to get use these files.

Document Viewer

Under this section you can find all the documents sorted by category that were added on **Shop Manager™.**

Button on top (Top Menu, Back) are to navigate through the folders and ‘Close’ button on bottom is to exit Documents

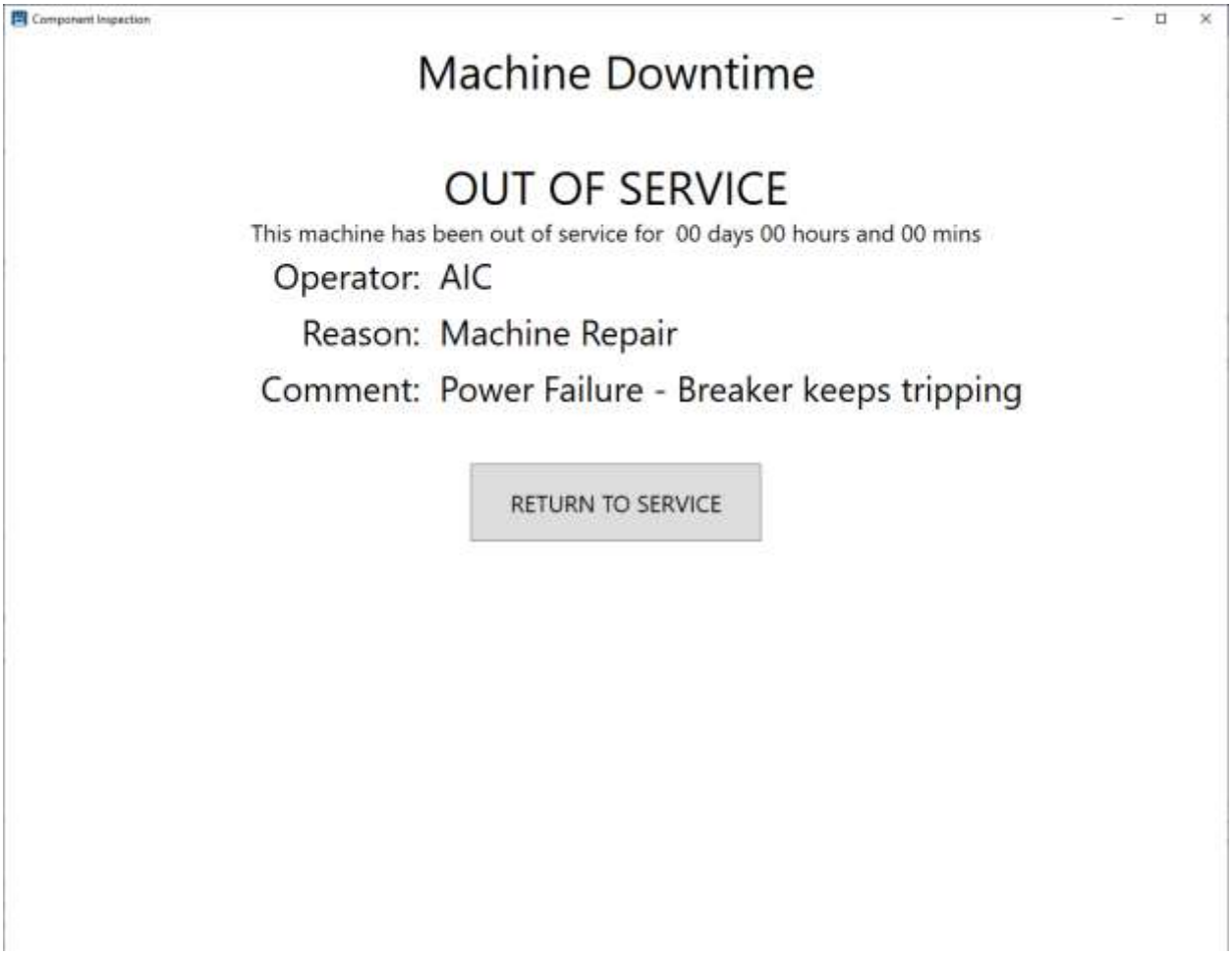
Downtime

Use the Downtime feature to track equipment efficiency. If the station is not able to be used because of machine repair, operator staffing issues, material shortage, or some other reason you can enter these downtime events to track the frequency and duration of issues.

Set out of service

To start a downtime event, you must first select a reason from the list of Downtime Reasons (configurable in Shop Manager). The operator can optionally enter a comment to explain in further detail why the station is down. Then click 'SET OUT OF SERVICE' to start the downtime event. The date and time the downtime event was started will be recorded along with the operator that initiated it and the reason selected.

Return to service



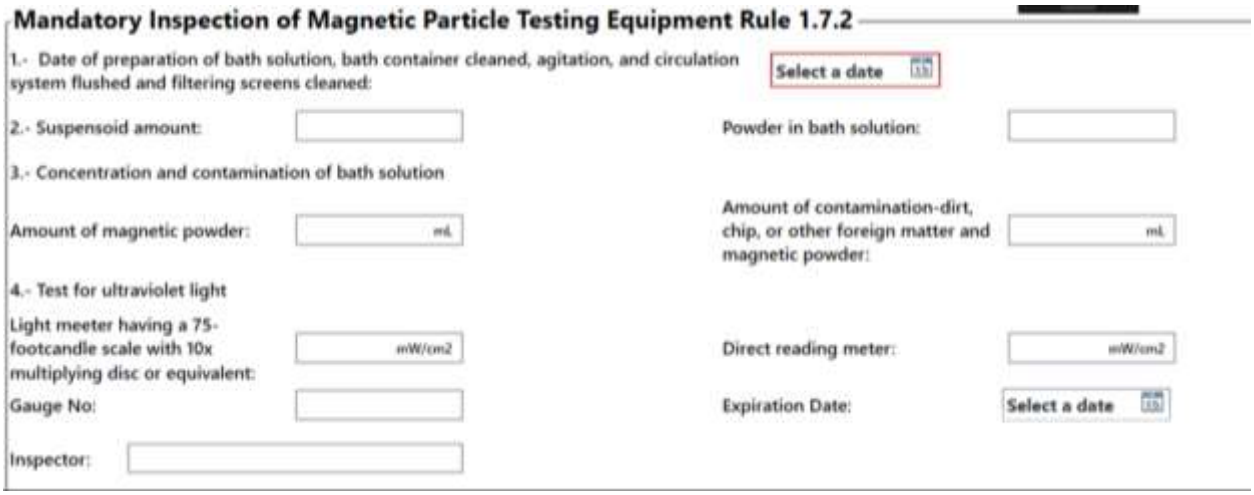
To end the downtime event and return the station to service simply click ‘RETURN TO SERVICE’. The date and time the machine returned to service will be recorded and the total time the machine was down can be calculated for the event

Machine Inspections

Machine Inspections are like our Component Inspections except they apply to the machines in your shop. Once you choose to inspect a machine you will see the data entry screen. From here you can enter any information used to document maintenance to the AAR and QA rules. You will also enter inspection data such as measurements, visual inspection indications, or confirmation of steps performed. The data that is collected is customized for each station and may vary based on the type of machine being inspected. Each station can also have multiple inspections (i.e., monthly and weekly maintenance). Product changeover check list and QA data requirements (calibration readings and inspection requirements).

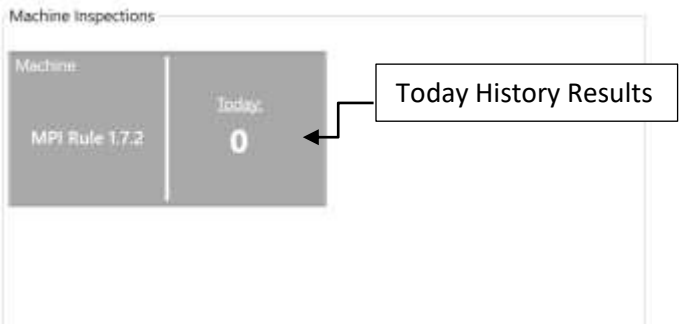
There are multiple reports for the Machine Inspections to assist in verity that inspection was completed and when.

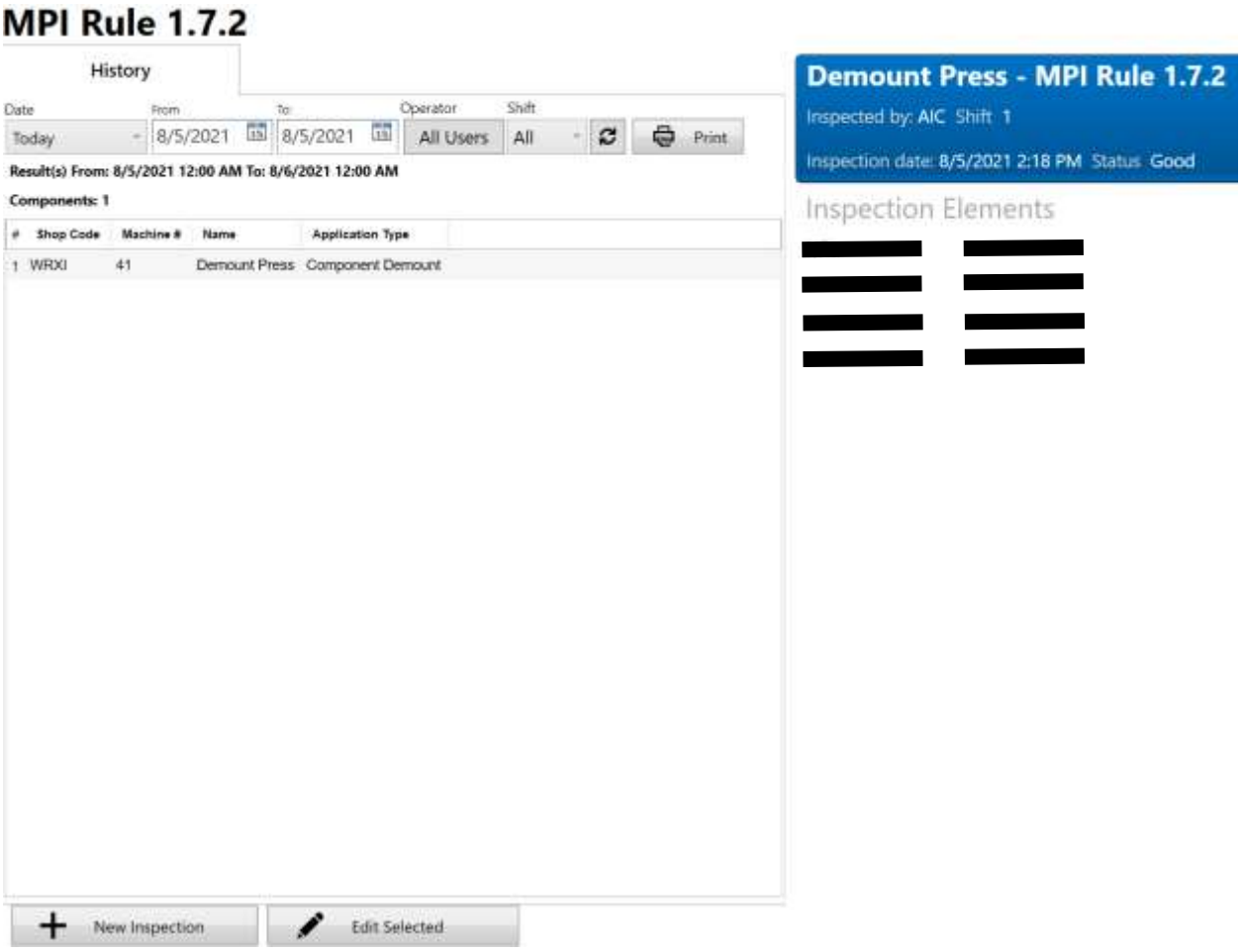
For more information about creating or modifying data collection screens please contact us.



Inspection History

To review the inspections performed at the current station for the day you can click on the “Today” section and it will take you to the History tab. You can specify any filters for operator, shift or a different date, and then click ‘Get History’. The current date is selected by default.





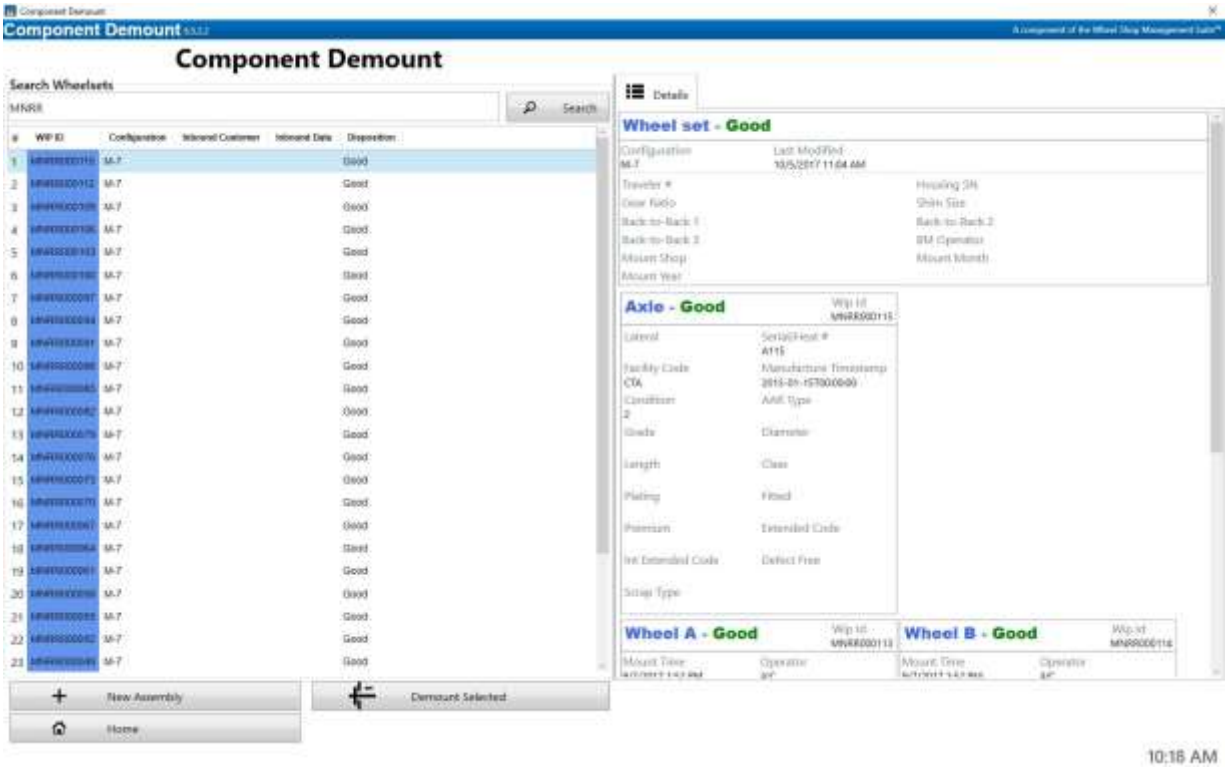
Get History will return a list of all inspections on the specified date that match the filters for operator and shift. You can use the predefine options do a date or select a custom date range. You must click the "Refresh" button to see the results.

A summary of the inspection totals will appear at the top of the list, with the total number unique inspections.

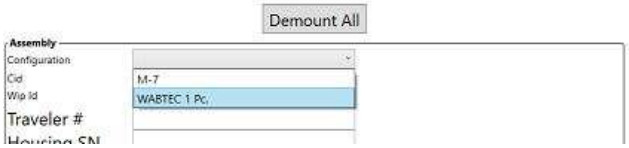
You can select a result by clicking on a row from the results list. The details for that inspection will appear at the right side. It will show who performed the inspection, shift, date and status.

Component Demount Operation

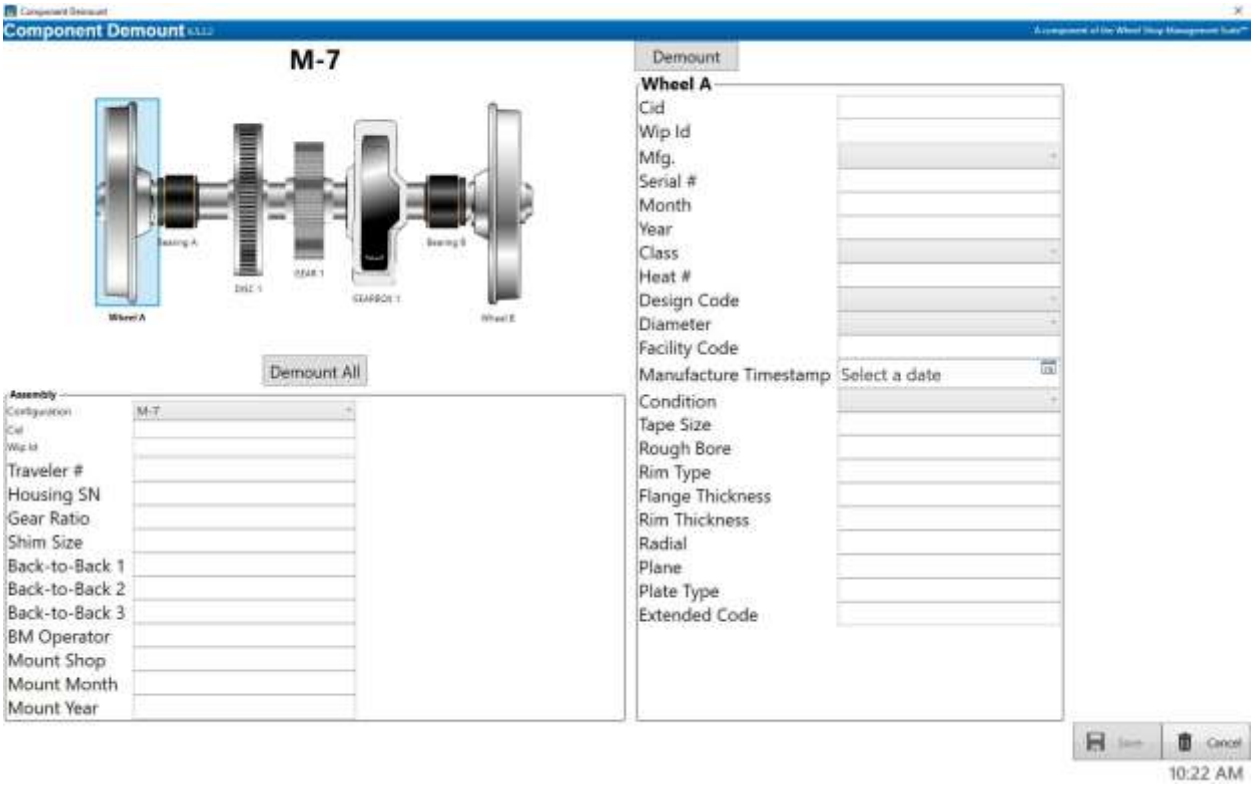
Component Demount opens into a search screen with options to Search, Create New Assembly, or Demount Selected.



New Assembly



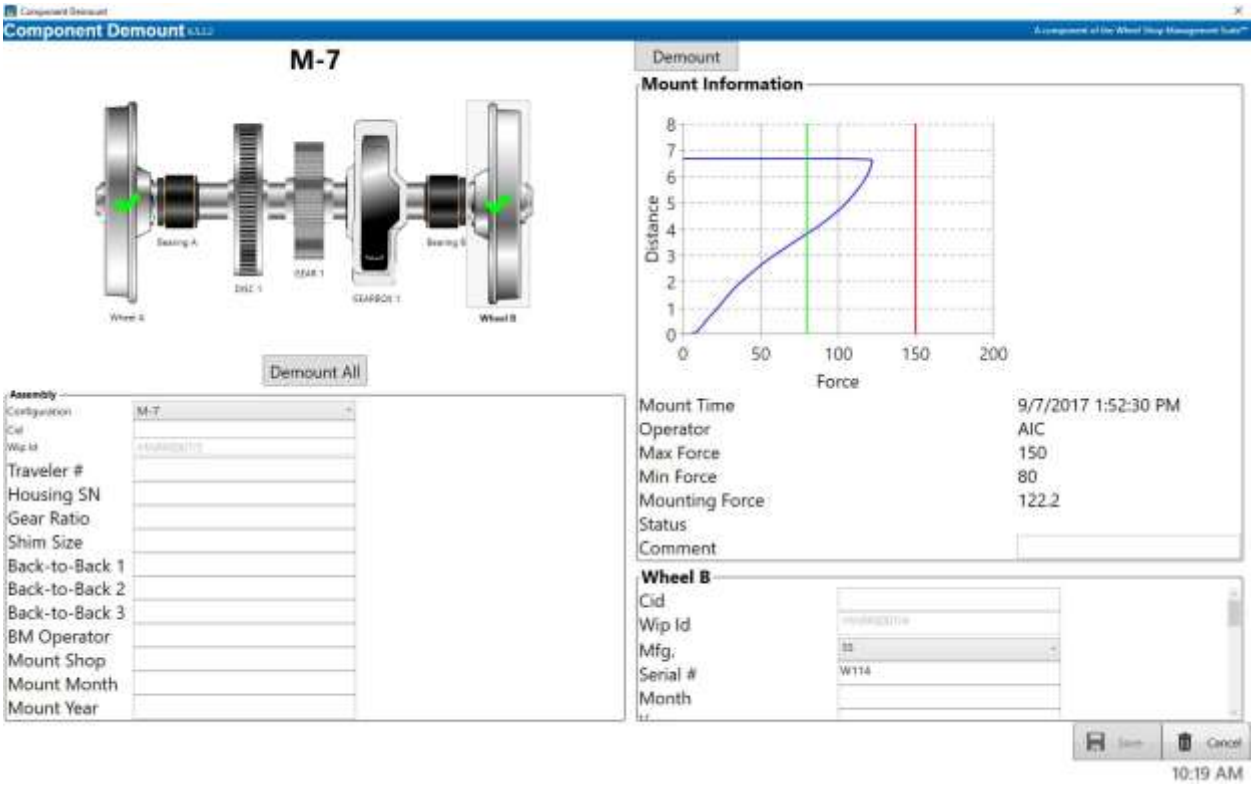
If you are creating a new assembly at the Component Demount station, you must select the Configuration to begin.



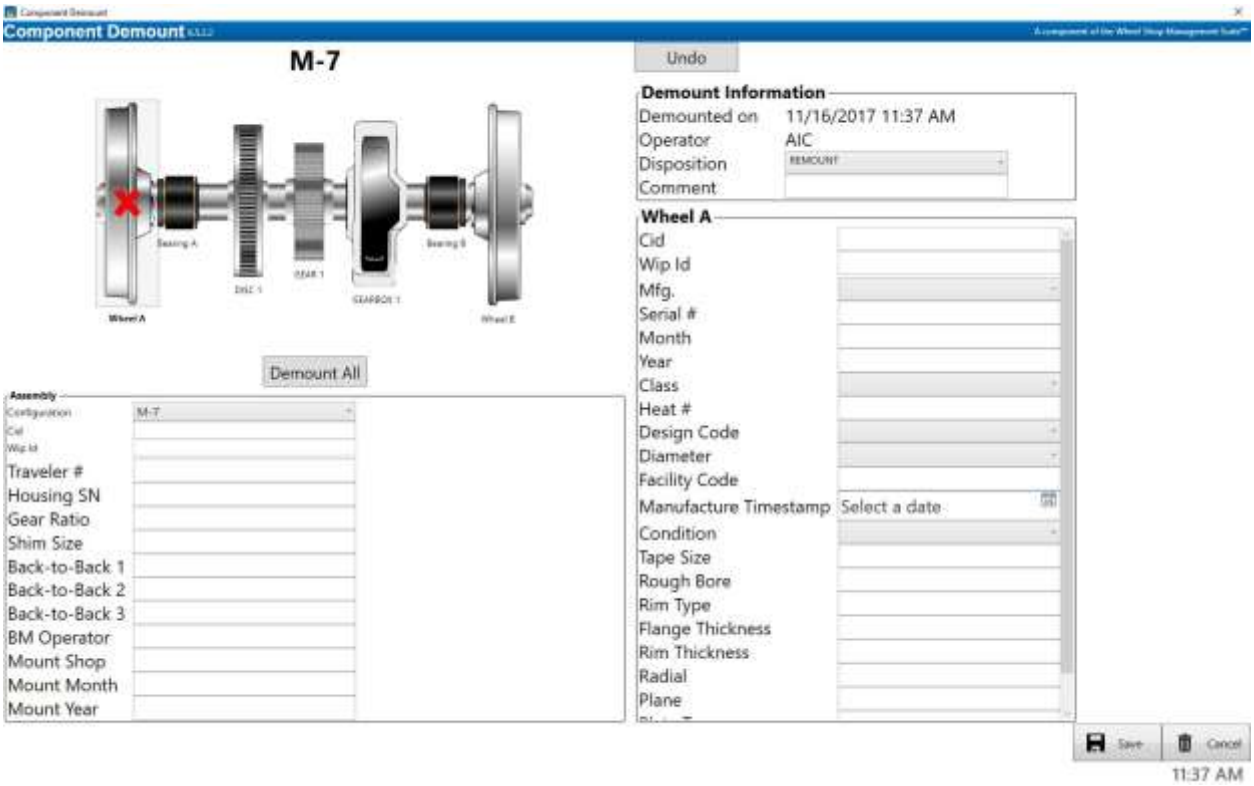
Once a configuration has been selected, an image of the wheelset will appear with all the available components that can be demounted. To record information for a component, select the component from the image. This will display all the available data fields for that component type. After all component information has been recorded, select **Demount** to record the demount information along

with the disposition and comments. If all components will be demounted from the wheelset, you can select **Demount All**.

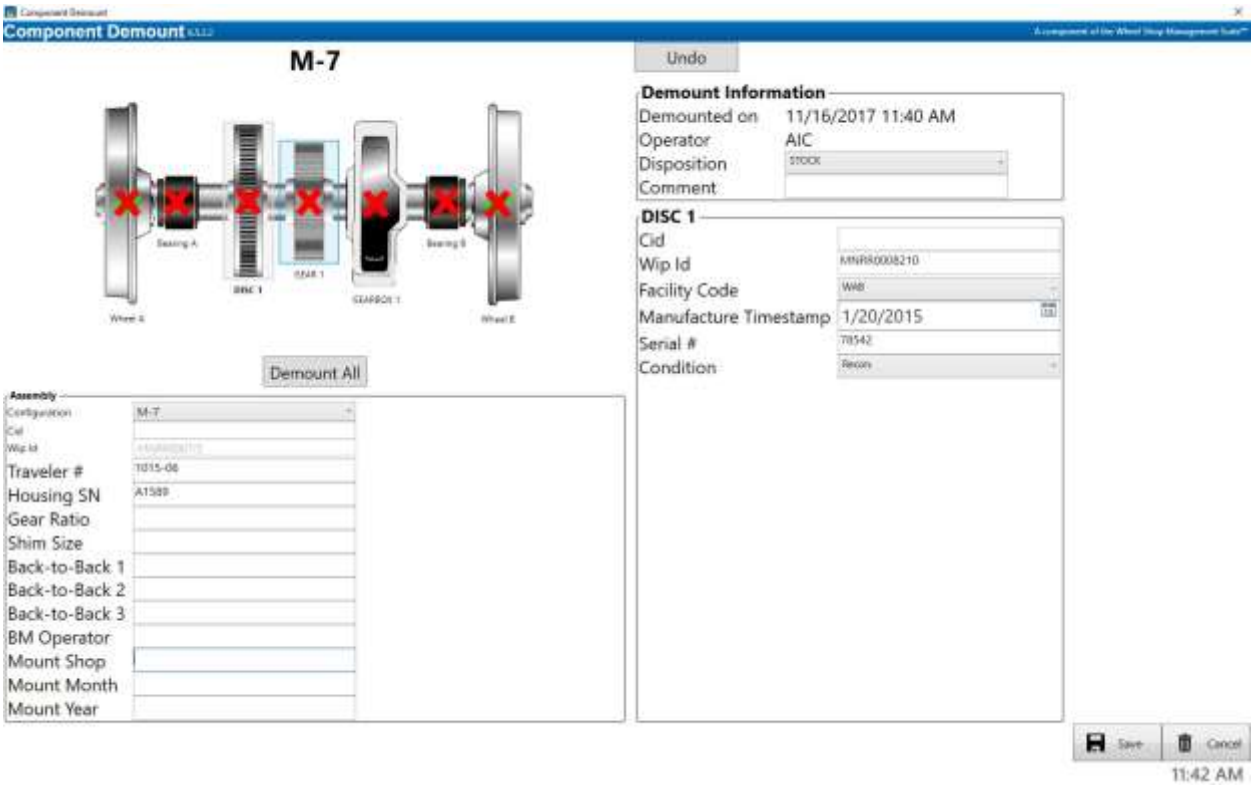
A green check will be visible If a component has chart data and has not been demounted. You can view the chart on the right-hand side of the screen before selecting the Demount button.



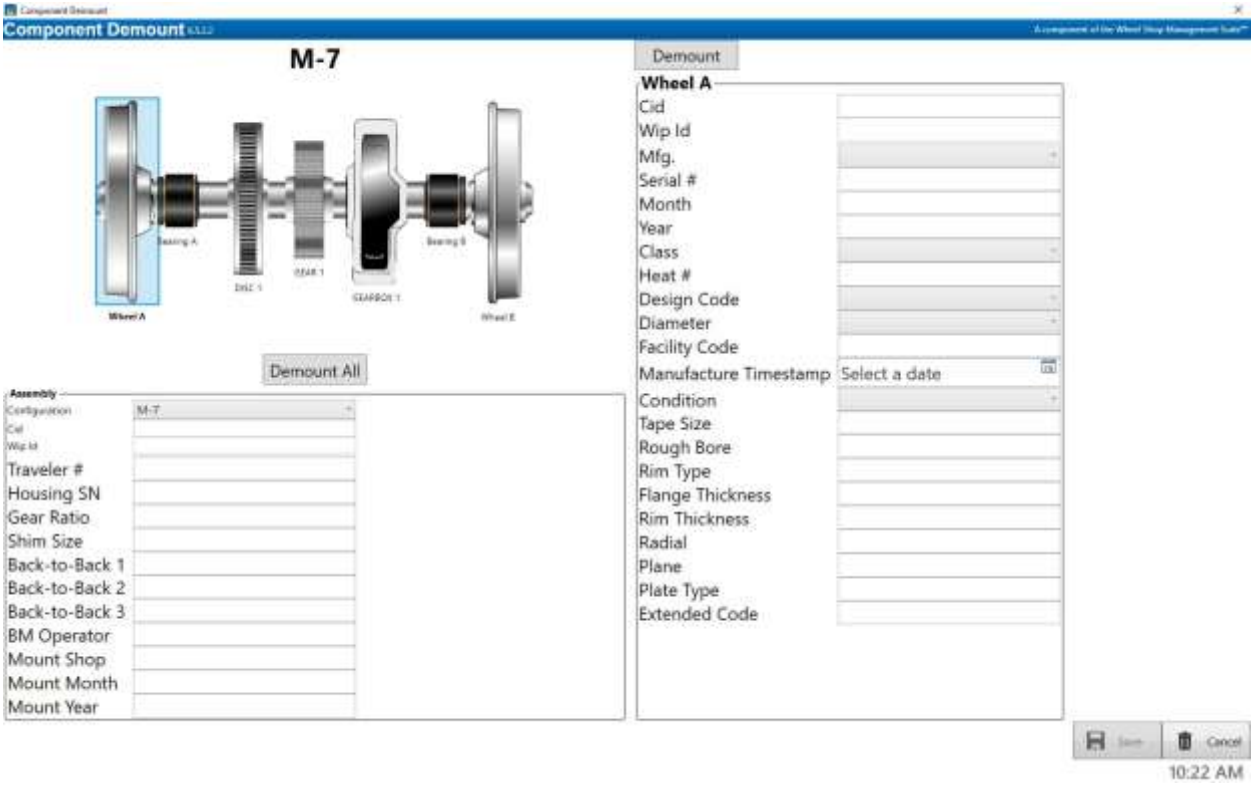
Once a component has been demounted, a Red “X” will be visible. If you accidently recorded demount information, you can select the **Undo** button to revert back.



Once all component and demount information has been entered, select **Save**.



Demount



This screen is intended to collect demount and component information at the Component Demount station.

The data collected at the Component Demount station is broken up into two types of data.

Component Data

Typically includes manufacturing information like size/class, serial number, manufacturer, date, condition, etc.

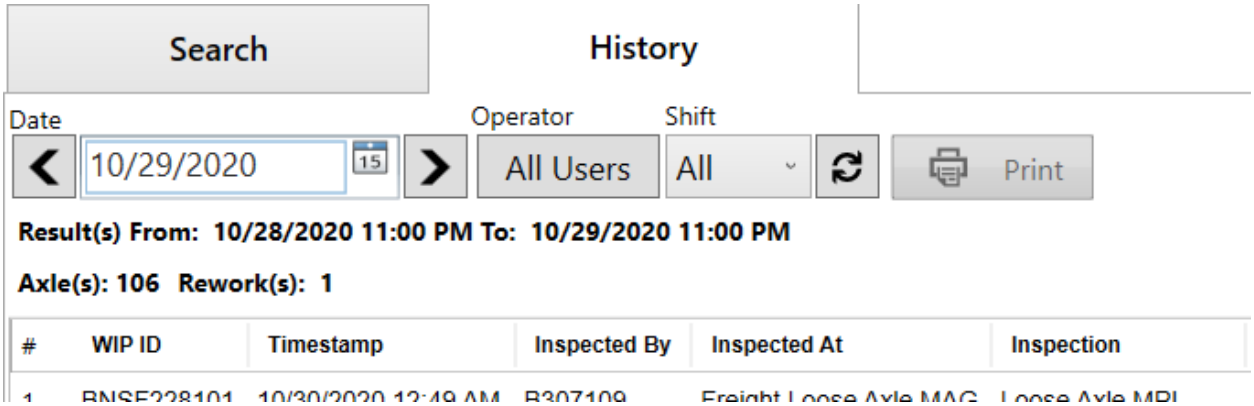
If the manufacturer or re-conditioner of the component provides a S-920 compliant barcode that contains any of the above information, a barcode scanner can be used to read this data from the barcode and populate the data entry fields automatically, saving the operator time and eliminating data entry errors. For more information on this see the section on Barcodes.

Demount Data

In addition to the component information, you can record the demount information for each component.

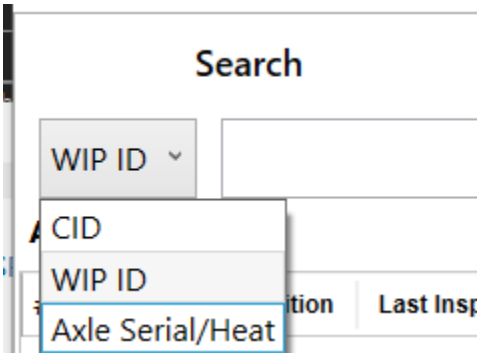
Search and History

The History tab will display a list of items completed at the current station for the specified day.



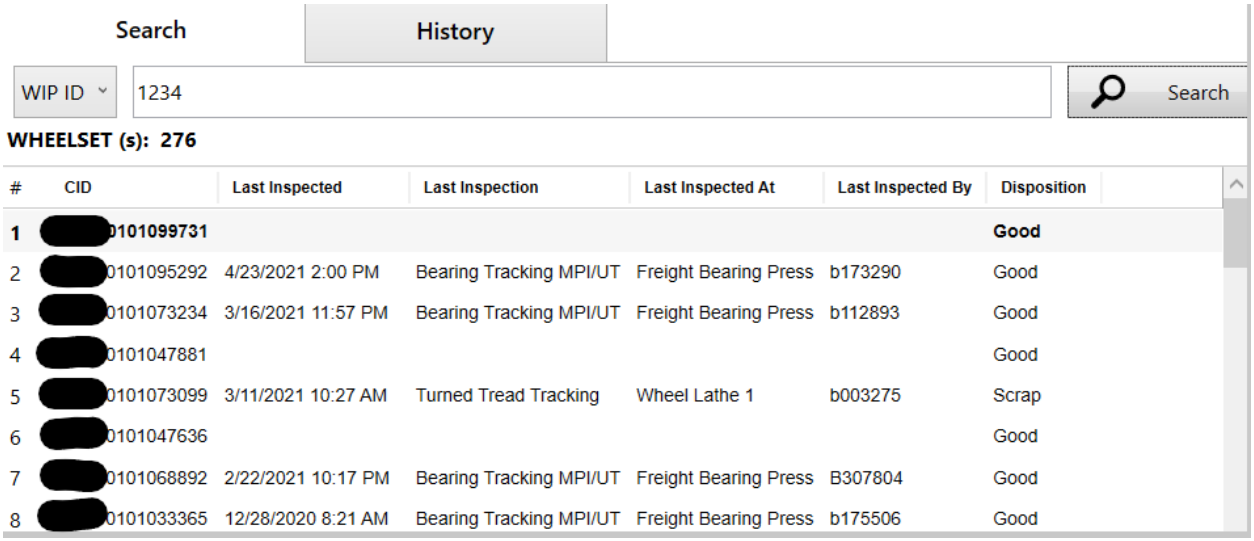
You can filter the history view further by using the parameters at the top of the screen. The Date field will let you select a specific date for which to search, and the arrow buttons on either side of the field will allow you to scroll forward or backward by one day at a time. The Operator button will toggle your results between showing history items for all users or only for you, based on your current login credentials. The Shift dropdown will filter the results to the specific shift selected or allow you to see work done for all shifts on the selected date. The refresh button will rerun the current history search; this is most useful when looking at data for the current day, as older data is unlikely to be changing in real time. Finally, the Print button will allow you to print a report based on the selected history item; to print, a report must be set up in the application settings (see individual application guides for instructions on setting up a report to print).

The Search tab allows you to search for assemblies by Cid, WIP ID, or component serial number.



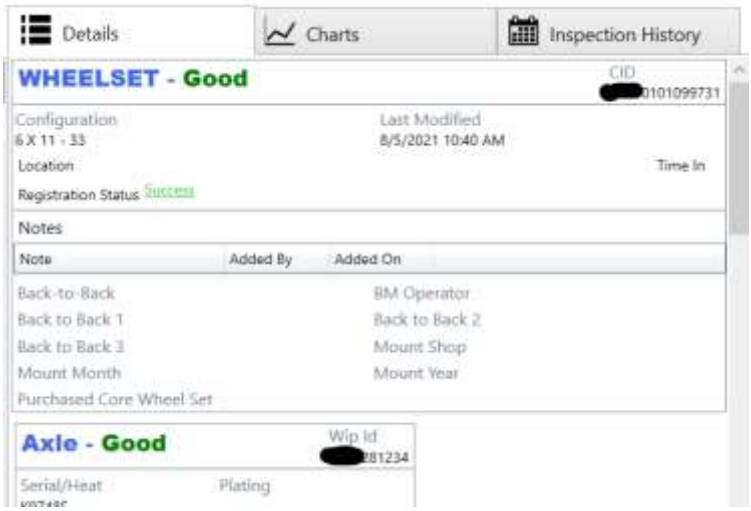
Once you have selected a search method, type all or part of the relevant field into the search box and click “Search”. For example, if you are using our Inbound application, items will receive WIP IDs prefixed with the load number followed by a dash and an indexer. On the search screen, typing in that load

number for a WIP ID search would return all the items from that load; typing in the load number with the dash and indexer would only return that one component.



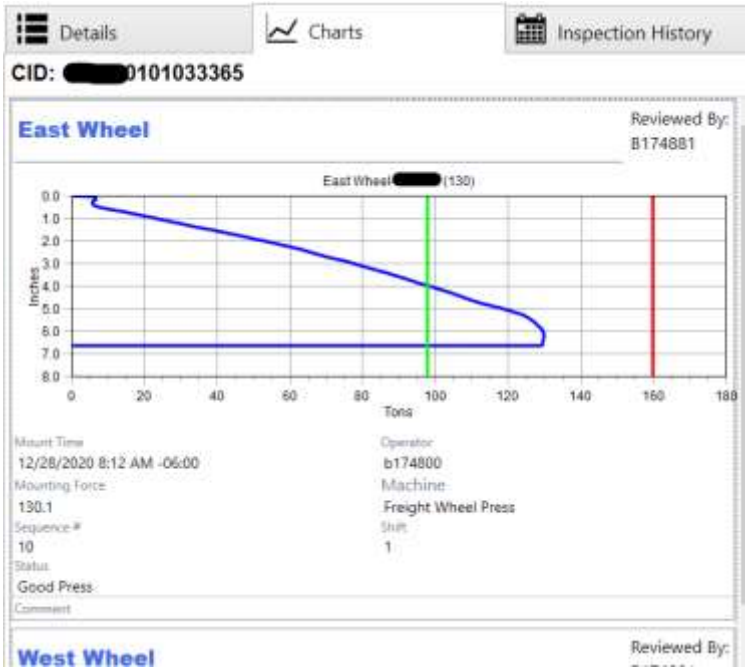
Once your search is complete, the results will be displayed in the area below the search bar. The fields displayed in the results list can be configured in the settings menu (instructions for selecting search result fields can be found in the user guides for individual applications).

After selecting one of the search results, the details for your item will appear in the right-hand pane.



The Details tab will include any data fields recorded for the component or assembly. In the case of an assembly, similar data will be shown below the assembly information for each of its subcomponents. If an attempt to register has been made, clicking on the Registration Status will bring up a prompt with details of the attempt and any errors that were returned.

The Inspection History tab will list any inspections performed on the component, assembly, and/or the assembly's subcomponents. Expanding the inspection name will display the inspection elements that are recorded and their corresponding values.



If you are reviewing an assembly with mount data, a Charts tab will be displayed. Here you can review the mounting charts and information for any subcomponents that were mounted using the WSMS.

Appendix A: License

WHEEL SHOP MANGEMENT SUITE END USER LICENCSE AGREEMENT

IMPORTANT NOTICE: Read before Installing or Using Software

The following software products offered to you directly by Arkansas Industrial Computing ("AIC") of 6100 Getty Drive, Suite N, North Little Rock, AR 72117 (voice 501-834-9540) is offered only for use in accordance with the terms and conditions of the WSMS End User License Agreement below.

BY INSTALLING OR USING ANY LICENSED SOFTWARE YOU WILL INDICATE THAT YOU HAVE READ, UNDERSTOOD, AND ACCEPT THESE TERMS AND CONDITIONS AND BECOME A PARTY TO THIS AGREEMENT. IF YOU ARE UNABLE OR UNWILLING TO ENTER AND COMPLY WITH THIS AGREEMENT, DO NOT ATTEMPT TO INSTALL OR USE ANY LICENSED SOFTWARE. INSTEAD, PROMPTLY RETURN ANY MATERIALS THAT WERE PROVIDED TO YOU. CONTACT AIC IF YOU WISH TO DISCUSS THE AGREEMENT BELOW, BEFORE YOU ATTEMPT TO INSTALL OR USE ANY PRODUCT.

WSMS END USER LICENSE AGREEMENT

LICENSE: Subject to the terms and conditions of this Agreement, AIC hereby grants to you a non-exclusive, non-transferable license to use the Licensed Software on one computer. This includes reproducing the Licensed Software, but only as reasonably required to ensure appropriate back-up practices are followed. All copies must bear all copyright and other proprietary rights notices which appear on the Licensed Software as originally provided by AIC. Subject to the license expressly granted above, you obtain no right, title, interest or other license in or to any Product, including but not limited to any copyright, patent, trade secret, trademark, or other proprietary rights therein. All whole and partial copies of the Licensed Software remain the property of AIC and will be considered part of the Licensed Software for this Agreement.

Unless expressly permitted by this Agreement, or otherwise by applicable law or by AIC in writing, you shall not: (i) use, reproduce, modify, adapt, translate, update or transmit any Licensed Software, in whole or in part; (ii) rent, lease, license, transfer, or otherwise provide access to any Licensed Software; (iii) alter, remove, or cover trademarks or proprietary notices in or on any Licensed Software; (iv) export any Licensed Software from the country in which it was provided to you by AIC; (v) decompile, disassemble, decrypt, extract or otherwise attempt or assist others to reverse engineer any Licensed Software, except as necessary, when permitted by an applicable law, to correct defects or achieve interoperability with complimentary programs, for your purposes only, but only if AIC has refused to provide the necessary

information or assistance. Unless AIC has provided you with express written consent, the Licensed Software may not be used in any application in which the failure of the Licensed Software could lead directly to death, personal injury, or severe physical or property damage (collectively, “High-Risk Activities”). AIC EXPRESSLY DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY OR CONDITION OF FITNESS FOR HIGH-RISK ACTIVITIES.

WARRANTY: AIC cannot warrant that any Licensed Software will function in accordance with related documentation in every combination of hardware platform, software environment, and Licensed Software configuration.

LIMITATIONS: EXCEPT AS EXPRESSLY WARRANTED ABOVE, THE LICENSED SOFTWARE AND ANY ASSOCIATED AIC MEDIA ARE PROVIDED “AS IS” WITHOUT OTHER WARRANTIES OR CONDITIONS OF ANY KIND, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. YOU ASSUME THE ENTIRE RISK AS TO THE RESULTS AND PERFORMANCE OF THE LICENSED SOFTWARE. NOTHING STATED IN THIS AGREEMENT WILL IMPLY THAT THE OPERATION OF ANY LICENSED SOFTWARE WILL BE UNINTERRUPTED OR ERROR FREE OR THAT ERRORS WILL BE CORRECTED. OTHER WRITTEN OR ORAL STATEMENTS BY AIC, ITS REPRESENTATIVES OR OTHERS DO NOT CONSTITUTE WARRANTIES OF AIC.

IN NO EVENT WILL AIC (OR IT’S OFFICERS, EMPLOYEES, AGENTS, SUPPLIERS, DISTRIBUTORS, OR LICENSORS - COLLECTIVELY “ITS REPRESENTATIVES”) BE LIABLE TO YOU FOR ANY INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST REVENUE, LOST OR DAMAGED DATA OR OTHER COMMERCIAL OR ECONOMIC LOSS, ARISING OUT OF OR RELATING TO ANY BREACH OF THIS AGREEMENT, ANY USE OR INABILITY TO USE THE LICENSED SOFTWARE, OR ANY CLAIM MADE BY A THIRD PARTY, EVEN IF AIC OR IT’S REPRESENTATIVES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE OR CLAIM.

IN NO EVENT WILL THE AGGREGATE LIABILITY OF AIC AND IT’S REPRESENTATIVES FOR ANY DAMAGES OR CLAIMS ARISING OUT OF OR RELATING TO THIS AGREEMENT OR ANY LICENSED SOFTWARE, WHETHER IN CONTRACT, TORT, OR OTHERWISE, EXCEED THE LICENSE FEES YOU PAID FOR THE USE OF THE LICENSED SOFTWARE UNDER THIS AGREEMENT. AIC’S AND IT’S REPRESENTATIVE’S LIMITATION OF LIABILITY IS CUMULATIVE WITH ALL AIC’S AND IT’S REPRESENTATIVE’S PAYMENTS IN SATISFACTION OF THEIR LIABILITIES BEING AGGREGATED TO DETERMINE SATISFACTION OF THE LIMIT.

These limitations shall apply whether the alleged breach is a fundamental breach of contract. Some jurisdictions curtail limitations of liability for incidental or consequential damages, and/or limitations of implied warranties. Therefore, to the extent prohibited by applicable law, the above limitations may not apply to you.

TERM: This Agreement commences upon your acceptance (as described above) and will end when terminated. You may terminate this Agreement at any time. It will be deemed to terminate immediately if you fail to comply with any material term herein. Upon termination, your license rights end and you shall immediately destroy all whole or partial copies of all Licensed Software in your possession or control.

GENERAL: This Agreement is governed by and will be construed in accordance with the laws in force in the State of Arkansas, United States of America without regard to the conflict of law's provisions therein. The parties expressly disclaim the provisions of the United Nations Convention on Contracts for the International Sale of Goods. This Agreement constitutes the entire agreement between you and AIC pertaining to the Licensed Software and any associated AIC media, and supersedes all prior or contemporaneous agreements, understandings, negotiations, and discussions, whether oral or written. No amendment or waiver of any term of this Agreement will be binding unless executed in writing by the parties. Subject to the export restrictions provided above, you are entitled to assign this Agreement to a third party who has provided AIC with prior written acknowledgement of their acceptance of the terms and conditions herein. In such a case, you will transfer all copies of the Licensed Software and any associated media to the assignee. The provisions of this Agreement will ensure to the benefit of and will be binding upon the parties and their respective successors and permitted assigns. If any provision of this Agreement is held by a court of competent jurisdiction to be illegal, invalid, or unenforceable, the remaining provisions shall remain in full force and effect.

Appendix B: Contact Information

AIC Rail
6100 Getty Drive
Suite N
Sherwood, AR 72117

Online Support
Visit our website at www.aicRail.com/WSMS for 24/7 technical information and available downloads
Email us at support@aicRail.com

Phone Support (Existing support contract or credit card required)
Call 1-501-834-9540 or 1-877-834-9540 (toll free)

©2021 Arkansas Industrial Computing, Inc.