

# Transportation Manager 5.2 ReadMe

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This is the ReadMe file for Transportation Manager Release 5.2. It details all issues resolved since Release 5.1p1. Transportation Optimizer resolved issues are also included.

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**Note:** This file is provided in both text and PDF format. Page numbers refer only to the PDF file.

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## Installation and Software Requirements

Be sure to consult the *Installation Manual* for details on the correct installation and sequence for the upgrades shown below. Overall software requirements are found in the Software Dependencies document.

- **Windows 2000 Advanced Server, SP2** is now supported for running Transportation Manager server processes (in addition to NT 4).
- **Windows NT Servers and Clients** — upgrade to SP6a. SP5 support has been discontinued due to recent Microsoft security issues.
- **IIS 5 Web Server** is now a supported web server on Windows 2000 Advanced Server (in addition to current support for IIS 4 on NT 4)
- **IIS Proxy Process** has been changed to make future updates easier. The tm/help files are no longer accessed on your web server, but requests are proxied straight through to the web application server. See the *Installation Manual* for changes required to IIS configuration if you are using this web server. Also note that you will now need a “/” at the end of your URL if using an IIS server (for example, <http://myWebServer/tm/>).
- **Oracle Enterpriser Server:** upgrade to 8.1.7.x. The patch version depends on platform – refer to **Software and Platforms** in the *Installation Manual* and the Oracl8\_mig document in the \docs directory of the product CD for migration tips.
- **Oracle Parameter Settings:** check the *Configuring the Oracle Server* section in the *Installation Manual* for a new INIT parameter setting to avoid shared memory allocation errors.
- **Oracle Client** must be upgraded to 8.1.7 on all application servers.
- **Outlook 2000** is now recommended if you do fax or e-mail event notification or tenders using an Exchange Server. Older versions of Outlook were not tested.
- **CZAR:** Upgrade to version 4.6 if you are using the Czar rating engine.
- **WebLogic** must be upgraded to version 6.0, SP2 and can now be run as a service. The new version is included on the product CD. The process for using alternate Weblogic ports is now documented in the *Installation Manual*.
- **Windows 9x clients:** Upgrade to Windows 98, Second Edition. Windows 95 is no longer tested or supported.
- **Windows 2000 Professional clients** — upgrade to SP2.
- **iPlanet Web Server:** Upgrade to EE 4.1, SP8 if you are using this web server.
- **Internet Explorer:** Upgrade to at least 5.01, SP2 or 5.5, SP1
- **Netscape Communicator** support has been discontinued. Functions in the revised UI could not be modified to work properly on this browser.

- **NES 3.6.3 (Netscape Enterprise Server)** should be upgraded to iPlanet EE 4.1, SP8. NES is no longer tested or supported.
- **VisiBroker 4.1 C++** replaces Orbix as the API CORBA layer for the API server and the Flat File Driver (VisiBroker Runtime included on CD). Customer Orbix clients still supported at the same Orbix version number. Client programs now need to connect using an IOR file (Interoperable Object Reference) or the VisiBroker Naming service. See Appendix C in the API Reference for changes required if you develop your own Orbix clients.
- **VisiBroker 4.1 Java** replaces OrbixWeb for use in the custom Java Client APIs
- **XML API:** Customers can now create their own XML API clients. Refer to the *API Reference Guide* and the *Installation Manual* for details.
- **User Passwords** will again need to be changed. This was necessary for i2 to enable read-only use of a GUI application monitoring tool. Users will be prompted for a new password the first time they login to the desktop client after conversion. Alternatively, there is a command script to help you initialize all the passwords after upgrading. This will help prevent unauthorized first-time logins to other accounts, and will initialize non-desktop accounts
- **Canadian Postal Codes:** The distance engine will now compute distance at the postal code level for Canada if the optional PC\*Miler data module has been installed by the customer. This is configured by changing the Enable parameter in the DIST parameter set from “PC\*Miler” to “PC\*Miler:CANZipOn”.
- **Event Notification and clients** — ensure that clients using Event Notification are configured with the appropriate setting in TM Config. Otherwise, these requests will be ignored.
- **Flat File Driver** no longer supports “co-located” mode with direct access to the Oracle Database. It must now work through an API server and connect using an IOR file or the VisiBroker Naming service.
- **Database Upgrades** — the database upgrade program can now be used to upgrade any schema at version 5.0 or later. The same process will be used for any future patch releases with database upgrades. There is also a final pass that warns you if anything is incorrect in the database but not significant enough to cancel the upgrade.
- **Secant Server Monitor (xconsole)** is a new java-based GUI monitor tool. See the *System Administration Manual* for details.
- **Database upgrade security** — You can now omit passwords when configuring your database upgrade and the program will prompt you at run time.

## Known Problems and Workarounds

### Database upgrade problem if window resized

The database upgrade program may terminate unexpectedly or lose important messages if you resize the command window. *Do not resize it!*

### Portuguese Translation not Available

The translation will be available at a later date. In the meantime, if you select Portuguese, you will still get an English language installation. Please select only English when doing the install.

## Conflicting Server Processes

There can only be one instance of the Auto Tender server and the Event Notification server running at one time for a given schema. If you need to run multiple DSCs against the same schema and allow clients to connect to more than one of them, call support for custom DSC configuration instructions.

## Slow Desktop Client Login over WAN

It takes over one minute to login over our test WAN, even after information has been cached. This problem can be averted by turning off the flag for *Enable Full Event Notification* in the client TM Configuration if this feature is not required.

## Additional Calls to Distance Engine

If distance caching is not used, Routing and Rating may be slower than the previous releases. If performance is a problem in this area, this feature should be turned ON.

## Citrix MetaFrame

- During testing, i2 was only able to produce reports for Citrix clients by previewing them first.
- If a user has problems launching the Transportation Manager client or HTML help, try granting administrative privileges to the NT user account. If this corrects the problem, then the issue is one of which permissions need to be granted on directories, etc.
- During testing, the Citrix client started the HTML help page fine, but would not access and install the WebWorks plug-in for table of contents (even with administrative privileges). The workaround is to force the client to use the javascript version. This is done by copying the forcejs.js file from the tools folder of a Transportation Manager server to the tmhelp\wwhelp\common\config folder under the client's Transportation Manager folder. Then exit the application and log in again.

## Web Users Cannot Login Immediately After Upgrade

Web users must first login using a desktop client to re-initialize their password, or a system administrator can initialize it for them from the command prompt.

## Address Validation Does Not Work for Multiple Regions

If you are accessing postal data from more than one region, the address validation feature must be turned off.

## Event Notification

If you use Event Notification, all events must be processed before upgrading to version 5.2. Events that are not processed before upgrading will have a "Failed" status after upgrading.

## Missing Links in Context Help

Some context help links are missing, but all help pages can be accessed via the main Help: Index, Search, and Content.

## Customer Container Type Defaults

The volume and dimensions are not automatically populated when creating a carrier. Click on the refresh icon beside the container type to update the view.

## Incorrect Stop Display in Grid View

When splitting or joining a stop, the new stop is not being displayed correctly in the grid view and the corresponding shipment resulting from the join or split is not immediately displayed. To display correctly, select the **Done** button and then go back into stops page.

## Appointment Deleted From Shared Stop

When an appointment is set at a stop that is shared by two shipment legs, the appointment is inadvertently deleted from the stop if one of the shipment legs is removed. You must re-enter the appointment after the shipment leg has been removed in order to retain the appointment for the stop.

## Duplicating Shipments

Duplicating a shipment now allows for modifications to be made while duplicating. There are a couple of issues that occur only when duplicating a shipment and modifying at the same time. These are noted as follows:

- If changing the shipping location ID you must select the refresh icon. Otherwise the address of the new shipping location ID will not be picked up.
- If the location ID is updated with an invalid ID, an error message will appear along with a blank screen. You must navigate using the Back key to bring back entry page.
- If changing a destination from a Consignee with an assigned consignee group to a Hub or DC, the consignee must first be set to Null. Otherwise, the following error message is displayed —  
"Cannot set Consignee Group Type for shipment 'xxxxxx': Destination Location is not a Consignee".  
The address needs to be reset as well as any defaults (consignee group, appointment required flags).
- The preferred carrier and service are not being defaulted from the origin or destination location if they are updated during the duplication process.

## Old Postal Data Not On Current CD

Old postal data is no longer provided on the CD. Customers should leave any existing postal data as is. Updated U.S. data is expected in Q4 2001.

## OrbixWeb 3.2 Incompatible with VisiBroker 4.1

The API server will receive operations and structures sent from an OrbixWeb client, but the client is not able to receive responses with structures that are passed through an IDL *any* type. Customers developing their own Java API clients must use VisiBroker 4.1 Java, or the ORB that comes with the JDK. Customers using i2's Java Client API are not affected by this problem because it has been ported to VisiBroker 4.1 Java - the required library (vbjorb.jar) is included when the VisiBroker runtime is installed (from the Transportation Manager product CD).

## Resolved Issues

1. User wants to delete multiple containers at one time from a shipment order.  
Resolution: The Web Interface has been enhanced to allow you to delete multiple containers from the shipment entry module.
2. You are unable to create a POD unless an EDI reason code is set up. If an EDI reason code is not set up for a POD in a status definition, then the program shuts down when you choose the POD button.  
Resolution: The application has been changed to allow you to select an EDI reason code while creating a POD.
3. The system is creating EDI freight bill headers even though the transaction has failed.  
Resolution: The EDI server has been changed to a local process model instead of a remote process model, which will reduce the number of partial transactions processing.
4. While creating a transport order, the CR # and YD # Reference Number fields are populated. In viewing the same load in the Load/Trip Processing module, after right-clicking the shipment leg and choosing Reference Numbers from the drop down menu, the customer reference number and yard group number do not appear.  
Resolution: The application has been updated to carry forward these reference numbers.
5. Outbound 214 transactions receive a “NULL argument” error for Web shipments.  
Resolution: The outbound 214 transaction has been updated for Web Shipments so that it is consistent with the outbound 214 for transport orders.
6. There is a requirement for the MBOL to print in the location from which the load originates. The user is using multiple Transportation Manager user accounts, each with the specific MBOL printer configured in the user profile, to connect through the API to distribute the MBOL to the different printers.  
Resolution: The API server was caching the printer information of the first user that connects to the server, and then using that printer for all subsequent connections, even though different users with differently configured printers are used in subsequent Load Confirmation requests. This caching problem has been fixed.
7. A user cannot create a G/L transaction due to POM datastore error.  
Resolution: The problem was caused by an old trigger in the bootstrap database which was not updated. The trigger was fixed in the bootstrap data and also included in the upgrade script.
8. When your division is restricted, you cannot enter a shipment ID on the Web page.  
Resolution: This restriction has been removed for the application. You can enter a shipment ID regardless of your user restrictions.
9. The user has created three reference number types:
  - Appt\_Conf\_NU at the stop level for the carrier
  - Event\_date at the shipment level for a customer
  - Appt\_Date at the stop level for the carrierThey are all using a default type called PO set to the shipment level for the customer. When a user tries to manually add a reference number in the Web Interface, the following error is displayed: “Error: Entity XXX reference number not found.” The information also cannot be added in the Desktop Interface.  
Resolution: Problem was caused by an uninitialized variable in the application which is now being set.
10. Request to have the application display the Container Type description when the Container type is selected on Shipment Creation.

Resolution: The application has been enhanced to populate the Container Description base on the container type selected. In addition, the container description is added to the Container Type list box on the WEB.

Resolution: The program has been updated so you can see the container type description in shipment properties.

11. When logging on to the Web as a carrier, the search is case-sensitive, but it is not when logging on as a customer.

Resolution: The product has been updated so that searching is not case-sensitive for carriers.

12. Request to Return the Block number with the address in the shipping location search of the Shipment Creation Screen.

Resolution: The result set of the Shipping Location Search in the Shipment Entry screen will also return the Block number of the address.

13. Request to increase the Shipment Tracking number field to 22 characters.

Resolution: The field length has been increased to 22 characters.

14. When POSTAL Validation is enabled in the User profile and the user tries to validate an address, the user gets an error "Invalid Address message".

Resolution: This problem was resolved.

15. When updating the Delivery Date Range of a Shipment using the Web and then returning to the Desktop, the Date Range is not being correctly displayed on the Container level.

Resolution: The problem with incorrectly displaying the delivery date range for containers has been resolved.

16. 161158 - The Reports Server intermittently hangs.

Resolved in this release.

17. In the Transportation Manager profile, the user set the restricted view flag selected to remove the shipment template on the shipment creation screen in the Web Interface. When creating shipments, the shipment version for the customer was set to have the pickup and delivery date/time parameters default on refresh to the location. The pickup date/times defaulted, but the delivery date from and the To date/time did not. An error is displayed indicating that the function could not complete.

Resolved in this release.

18. Using a state code of VL instead of VZ for Vercruz, Mexico.

Resolved in this release.

19. When you change an existing shipment in the Web interface, the time field in the "P/U From Date and Time" disappears if the entry value is 00:00. If you select a shipment by selecting the Shipment Summary button, all of the date and time fields are populated in the view.

Resolved in this release.

20. The user has the Create Invalid Address field cleared and address validation set to the postal level in the user profile and in Global Defaults. The user can still create a distribution center with an invalid address.

Resolved in this release.

21. After creating some rates on two new tariffs, you later want to delete them. On one tariff, you are able to delete them. On the second tariff, a "POM Stored Procedure failed to Execute" error message is displayed. Also, after the deletion of the rates on the first tariff (five rates), five Corba messages are displayed. The rates were deleted, but this was not a concern because they sometimes appear and disappear after stopping and starting Transportation Manager.

Resolution: The program was modified so that when you try to delete a rate code, the system checks the loads to see if that specific tariff ID and rate code exist. If they do, then an error is displayed.

22. Documentation clarification is required on the Purge input parameter. The operational status defined on the command line is as follows: OPERONLY, FINAPONLY and FINAPAR.  
Resolved in this release.
23. When a CSCT tariff is entered for a lane constraint, the following message is displayed: Tariff is Invalid for this Carrier.  
Resolved in this release.
24. Request to enhance the application to honour the Request Priority when maintained by the ERP Job Queue for CREATE\_LOAD type.  
Resolution: The application has been changed to look at the job priority before the date and time and will select requests based on this order.
25. Request to add the Created By, Updated By, Created Date and Updated Date to the Web Interface.  
Resolved in this release.
26. Assume you are trying to find A/R vouchers based on the shipment ID. In the first Find dialogue box, you are given the field for shipment leg, not a shipment ID. You choose the Find field in a shipment leg and this opens a second Find dialog box that allows you to enter the shipment ID. You enter the shipment ID and click OK. Then the first find dialog populates the shipment leg ID automatically, and you click OK. No search results appear. In the second find dialog, the shipment ID is populating the logistics group ID. You had used the shipment ID search in another location in the Transportation Manager, so it was positioning the default shipment ID in the wrong field as the default.  
Resolution: This issued has been resolved by separating the defaults when calling the values from these two areas.
27. The user is trying to credit a customer for a load for which they originally overcharged them. For example, a post charge voucher on the A/R side was created for -174.95. When the user tries to create the corresponding invoice, the following error appears:  
Invalid TotalAmt Value: -174.95.  
You need to manually create the invoice regardless of the amount. There is no problem creating the invoice if the amount is positive. You can, however, run autoinvoice and the system will generate a negative invoice.  
Resolution: This restriction has been removed to allow for negative voucher creations.
28. Surcharges for post charges where charges are applied at the LDLEGDTL level are not passed through to the A/R side. It appears that the system adjustments are passing through with the surcharge. Also, surcharges entered at the rate level are not being passed through to accounts receivable.  
Resolved in this release.
29. For LTL tariffs in the customer surcharge folder, the user applies the surcharge at each freight class. In the Financials module, when the user makes an adjustment and chooses WGT as the condition (set up using multi-freight class), the only freight class option is \*FAK. Subsequently, no surcharge gets passed through because the surcharges are listed at each individual freight class and there is no \*FAK for the system to obtain  
Resolution: The Freight Class field is checked first. If it is empty, then the system uses the Rated As Freight Class field.
30. When overriding the customer bill-to while creating a shipment, the A/R voucher populates the correct override bill-to. After creating the invoice manually, the bill-to

customer field is uneditable and is defaulting to the customer profile bill-to. After successfully matching the invoice to the voucher detail, the same incorrect customer profile bill-to ID is being populated into the interface file.

Resolution:: The bill-to customer field becomes editable when creating invoice or updating invoice. It remains editable until an invoice detail is matched with a A/R voucher. The bill-to customer becomes one of the matching criteria during the A/R voucher matching process. That is, an A/R voucher must have the same bill-to customer. A bill-to customer will be copied from A/R voucher to A/R transaction during an A/R transaction run

31. While processing A/R invoices using Auto-invoice from the Tools menu), the queue reports a failed status with the error in the message:  
ERROR - POM Exception Number 49 occurred in FSrvStub.exe  
Resolved in this release.
32. The auto-tender process is ignoring the committed carrier flag and tendering to the full rate shop list. The is different from the way the program used to work.  
Resolution: A flag was added to the AUTOTDR parameter set in the server configuration to enable the functionality to tender only to the committed carrier. The flag is by default cleared.
33. An error is displayed when calculating the volume for a container: “Maximum number for volume is 12”.  
Resolution: The error occurs because the result is stored as 110.774000000000001 instead of 10.774664. The value returned is now truncated.
34. Reference numbers are not visible when the load is in Confirming status.  
Resolution: The application has been changed to allow you to enter reference numbers for loads in Confirming status.

## Additional Information

For more information on Transportation Manager, refer to the *Release Notes*. The *Release Notes* include:

- What’s New in Transportation Manager
- Related Documentation
- If You Need Assistance