

Retek® Integration Bus™ 11.1.0.2

Release Notes

Corporate Headquarters:

Retek Inc.
Retek on the Mall
950 Nicollet Mall
Minneapolis, MN 55403
USA
888.61.RETEK (toll free US)
Switchboard:
+1 612 587 5000
Fax:
+1 612 587 5100

European Headquarters:

Retek
110 Wigmore Street
London
W1U 3RW
United Kingdom
Switchboard:
+44 (0)20 7563 4600
Sales Enquiries:
+44 (0)20 7563 46 46
Fax:
+44 (0)20 7563 46 10

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Contact Method	Contact Information
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E-mail	support@retек.com
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Internet (ROCS)	rocs.retek.com Retek's secure client Web site to update and view issues
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Phone	+1 612 587 5800
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Toll free alternatives are also available in various regions of the world:

Australia	+1 800 555 923 (AU-Telstra) or +1 800 000 562 (AU-Optus)
France	0800 90 91 66
Hong Kong	800 96 4262
Korea	00 308 13 1342
United Kingdom	0800 917 2863
United States	+1 800 61 RETEK or 800 617 3835

Mail	Retek Customer Support Retek on the Mall 950 Nicollet Mall Minneapolis, MN 55403
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When contacting Customer Support, please provide:

- Product version and program/module name.
- Functional and technical description of the problem (include business impact).
- Detailed step-by-step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.

Overview

11.1.0.2 Release Notes Update (6/30/2005) – RMS 10.1.12, SIM 10.4.3, RWMS 10.3.8, RIB 11.1.1 Objects PAKs released as GA

11.1.0.1 Release Notes Update (5/30/2005) – RCOM 11, RPM 11 PAK released as GA

The RIB 11.1 release is the fourth release of RIB 11.x and is a minor release that includes the following changes from RIB 11.0.2:

- A new Retek Integration Hospital Administrator (RIHA) to address key functions in usability and management of messaging errors. The old hospital administrator and command-line utilities will continue to be shipped and supported in RIB 11.1.
- A new Diagnostics and Monitoring tool to address usability issues with managing RIB environments and diagnosing root causes. (Please see support note on this in ‘Changes since RIB 11.0.2’).
- Support for WAS ND in RIB J2EE applications
- Bug fixes, including those rolled in from previous hot fixes on top of RIB 11.0.2.
- For full details of the changes in RIB 11.1, please see the ‘Changes since RIB 11.0.2’ section below.

The 3/31 RIB 11.1 infrastructure* release does not include any Product Adapter Kits (PAKs). All Application PAKs will be released synchronously with the products themselves, and as such, will be in staggered releases independent of other application PAKs. This is noted in the ‘Certification Matrices’ below. See the ‘RIB deliverables/package summary’ (including Figure 1) for more information on RIB infrastructure and RIB PAKs. These PAKs that are not released on a GA basis can be obtained through Retek customer support.

The RIB 11.1 release includes both a full install and an upgrade from RIB 11.0.2. See the section ‘Upgrading from a previous release’ in the RIB 11.1 installation guide for more details on upgrading from RIB 11.0.2.

Details of the RIB 11 release in general are fully expressed in the RIB 11 Technical Architecture Guide, the associated Document Type Definitions (DTD), mapping documentation, the RIB 11 Data Model and the Retek 11 Integration Guide. These guides, along with the other RIB materials, should be reviewed in their entirety before beginning work with the RIB 11 releases.



Note: It is strongly recommended that before any installation or development work is performed, that the RIB 11 installation guide, provided with the release, is read and followed cover to cover, and the 'Known Issues' section of the Release Notes is well understood. Additionally, users upgrading from a previous RIB release should read the ‘Upgrading from a previous release’ in the RIB 11 installation guide, and take care to extensively complete all certifications and regression/volume testing with RIB 11 versions before deployment to production environments.

RIB deliverables/package summary

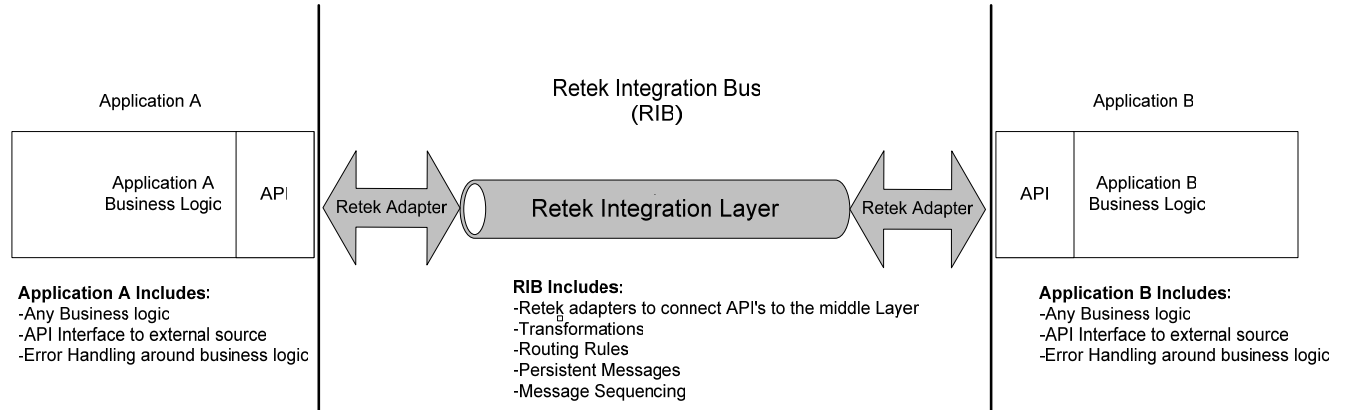


Figure 1

The RIB 11.1 release contains the infrastructure, components, and adapters to connect two or more applications together. This is depicted in the above figure. The shaded portion of the above figure represents the RIB domain. The unshaded/white boxes show the application domain.

From a logical standpoint inside the RIB domain, this is broken into two pieces:

- RIB Infrastructure – common components and tools that provide the ‘means’ of moving messages from point A to point B. The RIB infrastructure includes other tools such as the Retek Integration Hospital Administrator and the Retek Diagnostics and Monitoring Toolkit, among other tools and utilities. This is depicted as the ‘Retek Integration Layer’ above.
- RIB Application Product Adapter Kits (PAKs) – Application-specific packages that connect the RIB to named and versioned Retek applications. These are the components and adapters such as the e*ways, payloads, collaboration rules, etc. required to ‘hook up’ the RIB to each application.

RIB infrastructure package summary

RIB infrastructure package name	Description/contents
ribcommon1110_eng_ga.tar	Common Infrastructure code for all RIB applications.
ribobjects1111_eng_ga.tar	Contains the message payloads and definitions (RIB Objects) for the RIB. Note: this 11.1.1 RIB Objects package has been updated and released on 6/30 and should be used instead of the original RIB Objects 11.1 package
riha1110_eng_ga.tar	Contains the Retek Integration Hospital Administrator (RIHA).
rdmt1110_eng_ga.tar	Contains the RIB Diagnostics and Monitoring Toolkit.

RIB application package summary

RIB application PAKs adhere to the following naming convention:

Common name:

RIBPak<RIB **Highest** Version>for<Application name><Application **Minimum** version supported,>

For example, RIBPak1110forRMS1102 is the RIB 11.1 PAK for RMS 11.0.2.

The format for application **Minimum** version would be X.XX.XXX, where the X denotes MAJOR version, XX denotes MINOR version, and XXX would indicate PATCH/MINOR MINOR version.

Packaging filename:

ribpak<RIB **Highest** version>for<application name><application **Minimum** version supported>_<language>_ga.tar

For example, ribpak1110forrms1103_eng_ga.tar is the RIB 11.1 PAK for RMS 11.0.3



Note: Application PAKs may be released independently of the RIB infrastructure releases. Please see the ‘Certification Matrices’ section below for more information as to when certain application PAKs may be available on a GA basis for a specific application. In the event that a GA Application PAK is not released as part of a GA RIB release and is not listed in the ‘Certification Matrices’ below as part of a planned Application PAK release in the future, please contact Retek customer support in order to obtain this PAK.

RIB Application PAK name	RIB PAK file name	Description/contents
RIBPak1110forRMS1102	ribpak1110forrms1102_eng_ga.tar	The publishers, subscribers, and TAFRs to enable connectivity of RIB 11.1 to RMS 11.0.2.
RIBPak1110forRMS1022	ribpak1110forrms1022_eng_ga.tar	The publishers, subscribers, and TAFRs to enable connectivity of RIB 11.1 to RMS 10.2.2.
RIBPak1110forRMS1019	ribpak1110forrms1019_eng_ga.tar	The publishers, subscribers, and TAFRs to enable connectivity of RIB 11.1 to RMS 10.1.9.

RIB Application PAK name	RIB PAK file name	Description/contents
RIBPak1110forWSRMS1019	ribpak1110forwsrms1019_eng_ga.tar	Note: This is a CUSTOM PAK for Williams-Sonoma. The publishers, subscribers, and TAFRs to enable connectivity of RIB 11.1 to the Williams-Sonoma Custom version of RMS 10.1.9. Note: this is installed on top of the RMS 10.1.9 GA RIB PAK.
RIBPak1110forRWMS1037	ribpak1110forrwms1037_eng_ga.tar	The publishers, subscribers, and TAFRs to enable connectivity of RIB 11.1 to RWMS 10.3.7.
RIBPak1110forISO1100	ribpak1110foriso1100_eng_ga.tar	The publishers, subscribers, TAFRs, and other components necessary to enable connectivity of RIB 11.1 to ISO 11.0.0.
RIBPak1110forRPM1100	ribpak1110forrpm1100_eng_ga.tar	The Enterprise Archive Resource (EAR) and associated files to enable connectivity of RIB 11.1 to RPM 11.0.0.
RIBPak1110forAIP1130	ribpak1110foraip1130_eng_ga.tar	The Enterprise Archive Resource (EAR) and associated files to enable connectivity of RIB 11.1 to AIP 11.3.0.
RIBPak1110forRCOM1100	ribpak1110forrcom1100_eng_ga.tar	The Enterprise Archive Resource (EAR) and associated files to enable connectivity of RIB 11.1 to RCOM 11.0.0.

RIB Application PAK name	RIB PAK file name	Description/contents
RIBPak1110forWSRCOM1100	ribpak1110forwsrcom1100_eng_ga.tar	Note: This is a CUSTOM PAK for Williams-Sonoma. The Enterprise Archive Resource (EAR) and associated files to enable connectivity of RIB 11.1 to the Williams-Sonoma Custom version of RCOM 11.0. Note: This is installed on top of the RCOM 11.0 GA RIB PAK

RIB documentation

Detailed descriptions of RIB features have been updated for the RIB 11.1 release and are described in the following documents:

Retek Integration Bus 11.1 technical documentation

- Retek Integration Bus 11.1 Technical Architecture Guide;
- Retek Integration Bus 11.1 Installation Guide;
- Retek Integration Bus 11.1 Operations Guide;
- Retek Integration Bus 11.1 Diagnostics and Monitoring Guide

Retek Integration Bus 11.1 functional documentation

- Retek Integration Bus 11.1 Integration Guide, including
 - DTD Components by Family Report;
 - RIB Elements Report;
 - Integration Guide;
 - Message Families and Types Report;
 - Mapping Reports;









Note: Given that RIB 11.1 does not release any application PAKs, the RIB 11.1 Functional documentation will not be released on fulfillment for RIB 11.1

See below ‘Changes since RIB 11.0.2’ for notes on documentation changes since RIB 11.0.2.

Certification matrices

The following is a list of Retek products recently certified with recent RIB releases. Applications that have not been released but that are 'PLANNED' are noted with planned release dates.

Retek app	Retek app version	RIB last tested date	RIB last tested version	Comments + tested/supported combinations
Retek Merchandising System (RMS)	11.0.2	1/31/2005	RIB 11.0.2 + hot fix	<p>Tested/Supported with the following combinations:</p> <ol style="list-style-type: none"> 1. RMS 11.0.2, RPM 11.0.2, SIM 11.0.1 using RIB 11.0.2 + a hot fix for French. (1/31/2005) 2. RMS 11.0.3, RPM 11.0.3 (5/31/2005) <p> Note: Not currently released as GA for RIB 11.1. PAK available via customer support.</p>
Retek Merchandising System (RMS)	10.1.12	6/30/2005	RIB 11.1	<p>Tested/Supported with the following combinations:</p> <ol style="list-style-type: none"> 1. RMS 10.1.11, AIP 11.3 (5/31/2005) 2. RMS 10.1.12, SIM 10.4.3, RWMS 10.3.8 (6/30/2005) <p> Note: An updated RIB Objects package (11.1.1) will be needed to be installed with this PAK in order to function properly</p>
Retek Advanced Inventory Planning (AIP)	11.3	5/31/2005	RIB 11.1	<p>Tested/Supported with the following combinations:</p> <p>AIP 11.3, RMS 10.1.11 (5/31/2005)</p> <p> Note: Clients wishing to remain on the AIP 11.x upgrade path must upgrade to RIB 11.0 and subsequent releases.</p> <p>AIP 11.3 w/ RIB 11.1 will be a mandatory upgrade for those customers taking AIP 11.3.</p>

Retek app	Retek app version	RIB last tested date	RIB last tested version	Comments + tested/supported combinations
Retek Store Inventory Management (SIM)	11.0.1	1/31/2005	RIB 11.0.2 + hot fix	<p>Tested/Supported with the following combinations: RMS 11.0.2, RPM 11.0.2, SIM 11.0.1 using RIB 11.0.2 + a hot fix for French. (1/31/2005)</p> <p> Note: Not currently released as GA for RIB 11.1. PAK available via customer support.</p>
Retek Store Inventory Management (SIM)	10.4.3	6/30/2005	RIB 11.1	<p>Tested/Supported with the following combinations: SIM 10.4.3, RMS 10.1.12, RWMS 10.3.8 (6/30/2005)</p>
Retek Customer Order Management (RCOM)	11.0.4	5/4/2005	RIB 11.1	<p>Tested/Supported with the following combinations: RCOM 11.0.4, RMS 10.2.2 (Custom) and RWMS 10.3.7 (5/4/2005)</p> <p> Note: RCOM 10.x is a <i>base path</i> product that has not been integration tested with the RMS 11.0 and RIB 11.0 releases.</p>
Retek Warehouse Management Systems (RWMS)	10.3.8	6/30/2005	RIB 11.1	<p>Tested/Supported with the following combinations:</p> <ol style="list-style-type: none"> 1. RWMS 10.3.7, , RMS 10.2.2 (Custom), RCOM 11.0.4 (5/4/2005) 2. RWMS 10.3.8, RMS 10.1.12, SIM 10.4.3 (6/30/2005)
Retek Price Management (RPM)	11.0.3	5/31/2005	RIB 11.1	<p>Tested/Supported with the following combinations:</p> <ol style="list-style-type: none"> 1. RMS 11.0.2, RPM 11.0.2, SIM 11.0.1 using RIB 11.0.2 + a hot fix for French. (1/31/2005) 2. RMS 11.0.3, RPM 11.0.3 (5/31/2005) <p> Note: See workaround below for connection issues.</p>

* Denotes an application version that is PLANNED and has not been released yet. These dates and versions are subject to change



Note: It is recommended to read each application's release documentation in its entirety before beginning any application's installation.

The following is a list of third-party products, platforms, or components recently certified with recent RIB releases:

Third-party product, platform, or component	Third-party product, platform, or component version	RIB last tested date	RIB last tested version	Comments
SeeBeyond ® eGate™	5.0.4	3/31/2005	RIB 11.1	<ul style="list-style-type: none"> For the RIB 11.0 release, an upgrade to SeeBeyond eGate 5.0.4 is required. Please see the SeeBeyond eGate 5.0.4 release documentation for details. SeeBeyond has released two required ESRs supplementing the SeeBeyond eGate 5.0.4 release. The details of each ESR are fully expressed in the ESR Read Me files. # 69970 – This ESR provides an installation for UNIX and Windows to update the Java Runtime Environment (JRE) from 1.3.1 to 1.4. The ESR includes the JRE for each platform. # 74760 – This ESR provide resolution to Oracle e*Way shut-down issues associated with Oracle databases and IBM AIX 5.2 Operating Systems.
WebSphere Application Server	5.1	3/31/2005	RIB 11.1	
Oracle	9.2	3/31/2005	RIB 11.1	
Solaris	9	3/31/2005	RIB 11.1	
HP-UX	11.11	12/31/2004	RIB 11.0.2	
AIX	5.2	12/31/2004	RIB 11.0.2	
MS Windows	2000/XP	N/A	N/A	This is required for the SeeBeyond GUI components.
Java RunTime Environment (JRE)	1.4.1_07	3/31/2005	RIB 11.1	This is the minimum required version for the RIB 11 infrastructure and Retek Integration Hospital Administrator is the JRE 1.4.1_07

Third-party product, platform, or component	Third-party product, platform, or component version	RIB last tested date	RIB last tested version	Comments
Jakarta Tomcat	N/A	N/A	N/A	Jakarta Tomcat is the supported web server for the RIB 11.0 User Interface release. Additionally, RIB DTDs should be made network-accessible for the Retek Integration Hospital Administrator (RIHA)
Internet Explorer	6.0	N/A	N/A	The RIB 11.0 release is recommended for use with Windows 2000/XP and Internet Explorer 6.0 or higher releases. Installation of the SeeBeyond e*Gate product requires the Microsoft platform. Complete platform details can be found in the SeeBeyond e*Gate Integrator Installation Guide.

RIB 11.1 known issues

RIB 11.1 infrastructure known issues

Issue title	Description	Mitigation/workaround
Old Hospital UI performance issue	The old Hospital UI has performance issues with more than 50,000 records within the hospital tables.	The old error hospital is not designed to handle large numbers of bad records and these situations should be avoided. The new error hospital (RIHA) has some issues with displaying large numbers of records and is slated to be enhanced next release.
SeeBeyond JDBC Driver installation post-installation steps	SeeBeyond comes with JDBC 9.2.0.1, but needs to use 9.2.0.3. This upgrade needs to be done manually during the install process.	See RIB Install Guide for detailed instructions.
J2EE WAS application deployment / installation – there cannot be any other applications deployed in the same WAS server instance	RIBforRCOM, RIBforRPM, and RIBforAIP must each be deployed in a single/independent server instance in Websphere.	Deploy these apps to either an entirely separate installation of WAS or deploy them to separate server instances inside the same WAS installation.
Install of J2EE WAS applications on the same machine	J2EE RIB installs on the same machine but with different installations need are constrained by having the same value for 'cell' and 'node'.	Both installations must have the same value for 'cell' and 'node' (e.g. RCOM installed on: Machine: xyz Cell: xyz123 Node: xyz345 Server: server3 RibforRCOM installed on: Machine: xyz Cell: xyz123 Node: xyz345 Server: server1)


Issue title	Description	Mitigation/workaround
Classpath issue for EDI ASN e*way	The EDI ASN e*way has an incorrect CLASSPATH that must be changed or the EDI ASN e*way will not stay up.	<p>Before starting this eway, it has to be updated with the correct classpath. Follow the following steps:</p> <ol style="list-style-type: none"> 1. Log into the eGate Schema Designer 2. Click on the Collaboration Rules folder in the left side panel 3. Double-click on the crASNInFromEDI collaboration rule in the right hand side 4. In the Initialization string field, make sure the value of the -cp argument contains the correct path to the classes directory: \$CLASSPATH:%EHOME%/client/classes. You will need to substitute %EHOME% with the correct value of the \$EHOME environmental variable in the eGate server. (e.g.: \$CLASSPATH:/u00/egatexi/egate/client/classes) 5. Click Apply and start the e*way.
Message delivery retries causes high CPU usage.	e*Gate 5.0.4 JMS does not support the JMSXDeliveryCount property on messages. WebSphere looks for this property to determine if the message has previously been processed. WebSphere has a configurable retry number that tells its ListenerPorts to shut down if this value is exceeded. Because of this limitation, the messages recycle through as fast as the server can process them, burning up all the CPU cycles, basically bringing the App Server to a halt.	The coded workaround is that the MDB's have logic in them to manually shut down the ListenerPort, write the problem message out to a file and email a list of contacts about the problem. The longer-term solution is that SeeBeyond will provide an ESR to fix this issue so the message doesn't continue to be processed.
Missing DTDs for Retek Integration Hospital Administrator (RIHA)	While not necessarily an 'issue', RIB DTDs must be made network-accessible in order for RIHA to properly display RIB messages	Ensure as part of the RIHA install that all RIB DTDs are placed on the network and are accessible via URL.
RIHA not supported w/ French	The RIB 11.1 release does not provide RIHA in the French language	Customers who are running in French environments should continue using the OLD error hospital GUI that was shipped with RIB 11.0.2. Support for French in RIHA will be added into a future RIB release.

Issue title	Description	Mitigation/workaround
WebSphere reporting Runtime Warning during J2EE application installation.	<p>WebSphere reports the following warning messages during installation of the rib-<app>.ear.</p> <p>Console output</p> <p>-----</p> <p>About to save installed app Saved installed app com.ibm.ws.scripting.Scripting Exception: WASX7077E: Incomplete config id: need closing parenthesis in "" Changing classLoader to PARENT_LAST Creating RIB_LIB reference Saved configuration Trying to start rib-<app> WASX7017E: Exception received while running file "installrib.jacl"; exception information: javax.management.MBeanExce ption com.ibm.ws.exception.Runtime Warning com.ibm.websphere.csi.CSIExc eption: com.ibm.websphere.csi.CSIExc eption: failed to get home instance; nested exception is: com.ibm.ejs.container.Containe rException: loading bean meta data failed; nested exception is:</p>	<p>This is just a warning message and not an error message from WebSphere. If the rest of the installation did not have any problems you can safely ignore this warning message. This warning may be suppressed in future versions of the RIB</p>
#1449 - SEQ_NUMBER column length has to be increased. (DEFECT000395150)	<p>ItemLoc messages with more than 100 details that error in RPM cannot be inserted into the hospital tables as the SEQ_NUMBER column size can handle only upto 100 details</p>	<p>This is fixed in customer support as DEFECT000395150. This will also be rolled into the next release of the RIB 11.x series</p>

Issue title	Description	Mitigation/workaround
#1459 - Install script bug - bad array list being built (RQST0000007 0002)	There is a bug in the install script that causes the install script to fail in certain situations due to the fact that a bad array list was being built.	<p>This will also be rolled into the next release of the RIB 11.x series; however the fix for the install script located at \$RETEK_INSTALL_DIR/Migration_Scripts/install can be modified as follows:</p> <pre> Existing code: # ***** ***** # load validparms array with valid parameters. # egate_profile file must exist in each RIB<version> directory to be a valid version. # ***** ***** arraycntr=0 for i in `ls -p \${RETEK_INSTALL_DIR} grep /\$ grep -v for sed -e 's/RIB//g' sed -e 's/\\//g'`; do if [-s RIB\${i}/egate_profile]; then validparms[\${arraycntr}]=[\${i}] fi #Line #58 arraycntr=`expr \$arraycntr + 1` #Line #59 done Code Fix: # ***** ***** # load validparms array with valid parameters. # egate_profile file must exist in each RIB<version> directory to be a valid version. # ***** ***** arraycntr=0 for i in `ls -p \${RETEK_INSTALL_DIR} grep /\$ grep -v for sed -e 's/RIB//g' </pre>

Issue title	Description	Mitigation/workaround
		<pre> sed -e 's/\\\\/g'`; do if [-s RIB\${i}/egate_profile]; then validparms[\${arraycntr}]=[\${i}] arraycntr=`expr \$arraycntr + 1` #Line #58 fi #Line #59 Done</pre>
#1418 - Thread safety issue w/ static DateFormat (RQST0000006 6407)	There was a thread safety issue in retek-rib-support.jar code that would allow messages to be corrupted in multi-threaded environments	Fixes for DEFECT000395770 and DEFECT000395284 solve this issue. These fixes will be rolled into the next infrastructure release of the RIB as well.
#1381 - Post processing of Unwanded cartons causing null pointer exceptions (DEFECT00039 4334)	Post processing of unwanded cartons is throwing java.lang.NullPointerException when the from_loc and from_loc_type fields had null values and the code was trying to build the routing info based on this.	A fix for DEFECT000394334 should be applied for the 10.3G release. Future fixes for this defect will be rolled into the next infrastructure release of the RIB as well.

RIB 11.1 application PAK known issues

Issue title	Description	Mitigation/workaround
RIBForISO - ISO installation on top of existing ISO install	 Note: ISO does not support upgrading by doing a full install on top of an existing installation; however this is not a supported installation of ISO. A duplicate subscriber with different client IDs for the same ISO/SIM server in each message family may be created if one removes an existing MESSAGING_CLIENT_ID file in the <ISO_INSTALL_DIR>/server<platform>/ret/ek/sim/files/prod/tmp/ directory when a full ISO/SIM or RIBforISO install is done on the top of an existing ISO/SIM system. The duplicated subscribers cause the RIBforISO to malfunction.	Install a clean copy of ISO or make sure to backup the MESSAGING_CLIENT_ID before wiping out the existing directory and copy it back to the directory after the install.
RIBForISO - #1397 -- Payloads DTD for DSDDtl is wrong	The DSDDtl DTD was incorrect and was missing fields	This DTD will be fixed in the next release of the RIB
RIBForRWMS - Certain e*ways will automatically shut down due to durable subscribers not being found	RIB 11.1 does not support the latest RWMS version available; however there are many e*ways that require durable subscribers for both ISO and RWMS. Since RDM is not present, these e*ways will automatically shut down as the durable subscriber for RWMS is not found (e.g. the ewWHToWHPhysFromRIB TAFR)	The workaround for this is to modify rib.properties by changing the line default.SubscriberCheck=true to default.SubscriberCheck=false and restarting the TAFRs. This should be performed with care however as there is a potential for losing messages if a publisher is turned on before the subscriber and the subscriber topic does not exist. This setting should be set back to TRUE after the TAFR has been started.

Issue title	Description	Mitigation/workaround
RIBForRWMS -Facilities must be specified	There are RDM-specific properties in rib.properties; however these must be specified even though RDM is not in scope for 11.1. This is because some TAFRs send messages to multiple applications (e.g. messages go to ISO but also RDM as well). For example, ewTransfersToStockOrdersFromRIB is one TAFR that routes messages to both RDM and ISO.	Facility_* properties must be configured properly. See the RIB 11.1 Operations Guide for more information on this property.
RIBforRWMS -- #1466 -- need cross dock 856 support (DEFECT00039 5347)	The ewASNInFromEDI e*Way needed to have cross doc 856 support	The fix for this will be rolled into the next RIB release.

Issue title	Description	Mitigation/workaround
RIBforRPM – maximum connection issue	RPM has to be able to publish a huge volume of messages within one transaction. It was previously running out of jdbc connections and transaction enlistments. This is likely to happen when making price changes on even a very small number of items over a small number of locations. <i>It is strongly recommended that any customer who takes the RIBforRPM PAK to apply this change</i>	<p>The fix is to change every “res-sharing-scope” property in <RIB_INSTALL_HOME>/RIBforRPM1110/rib/ear/rib-rpm.ear->rib-rpmEJB.jar->ejb-jar.xml from “Unshareable” to “Shareable”. This allows long lived transaction to reuse uncommitted database resource. The following can be used to make this change automatically:</p> <ol style="list-style-type: none"> 1. Set JAVA_HOME to an appropriate JRE directory 2. Create a script ‘fix_rpm_rib_ear.sh’ in the <RIB_INSTALL_HOME>/RIBforRPM1110/rib/ear directory 3. Add the following into the script: <pre> if test "\$JAVA_HOME" = " " ; then echo "Please set JAVA_HOME and try again." exit fi MY_JAR_CMD=\$JAVA_HOME/bin/jar \$MY_JAR_CMD xvf rib-rpm.ear rib-rpmEJB.jar \$MY_JAR_CMD xvf rib-rpmEJB.jar META-INF/ejb-jar.xml sed 's/Unshareable/Shareable/g' META-INF/ejb-jar.xml > META-INF/ejb-jar.xml.temp mv META-INF/ejb-jar.xml.temp META-INF/ejb-jar.xml \$MY_JAR_CMD uvf rib-rpmEJB.jar META-INF/ejb-jar.xml \$MY_JAR_CMD uvf rib-rpm.ear rib-rpmEJB.jar rm -rf rib-rpmEJB.jar META-INF </pre> 4. Run the script ./fix_rib_rpm_ear.sh from <RIB_INSTALL_HOME>/RIBforRPM1110/rib/ear to make the changes <p>This will be fixed in the next release of the RIB.</p>

Issue title	Description	Mitigation/workaround
RIBforRPM – #1349 – Business exceptions in the RIB are cryptic (RQST00000070242)	<p>There was a signature mismatch in the classes (retex-rib-support.jar and rib-j2ee-clinet.jar) between RIBforRPM and RPM. The result was that there were error messages similar to the following:</p> <p>Message()...Exception handling message: 200036531: 2005-04-14 08:00:13,971 [MessageListenerThreadPool : 0] ERROR com.retek.rib.j2ee.RIBMessageSubscriberEjb - ItemLocToRPM.onMessage()...Exception thrown: java.rmi.UnexpectedException : IDL:com/retex/platform/_exception/RetekBusinessEx:1.0 exception id: 1113458413959: java.rmi.UnexpectedException : IDL:com/retex/platform/_exception/RetekBusinessEx:1.0 exception id: 1113458413959</p> <p>The original exception from the server was not being passed back to the RIB because of this mismatch and the RIBForRPM logs only show an exception as a Business Exception. There is a new Defect (395676), we have logged in the Remedy for the customer.</p>	<p>This defect will be fixed in customer support as DEFECT000395676 and rolled into the next RIB release.</p>

Issue title	Description	Mitigation/workaround
RIBforRMS – #1478 – e*Ways invalid cleanup (RQST0000006 9796)	RIB e*Ways throw null pointer exceptions. For example, the ewMerchHierFromRMS polls the database table MERCHHIER_MFQUEUE, during the poll a cleanup process is called, this is generating the below error. msgDataClob.cleanup() method always throws a nullpointer exception. rib_ewMerchHierFromRMS.log:08:04:28,261 retex.ewMerchHierFromRMS.colMerchHierFromRMS.com.retex.rib.collab.general.GeneralPublisherHelper - Error, msgDataClob.cleanup() threw Exception: null	This issue will be resolved in DEFECT000395207 and rolled into the next RIB release.
RIBforRMS – #1457 -- state in address of StoreDesc should be optional (RQST0000006 9928)	state in address of StoreDesc is optional. The eways ewStoresToStoresPhysFromRIB and ewStoresToLocationFromRIB's ETD were incorrect.	The fix for this will be rolled into the next RIB release.
All Application PAKs – installation ordering issue	In the current RIB installation, it is recommended that the RIB for RMS PAK be installed last, as this PAK contains a superset of all functional configuration for Retek apps. Specifically, RIB for RMS has a 'master' component.xml configuration file. If other application PAKs are installed at a later time than the RMS PAK, they will overwrite this file.	Part of the installation guide recommends to copy the component.xml from the RIB install directory to the target/installed directory as a last step of the configuration process. A future release of the RIB will resolve this so that any component.xml files will not be overwritten.

Changes since RIB 11.0.2

Below is a detailed list of **RIB infrastructure changes** since the last release of the RIB 11.0.2:

Change type/Reference #	Title	Description
#1053	Message grouping fails to retry each message (DEFECT000376022)	This was previously noted as a 'known issue' in RIB 11.0.2. The issue was that the RMS hospital failed to retry messages that have specified a null business object id. This was due to these messages being incorrectly viewed as dependencies and grouped together. This was fixed so these messages no longer have incorrect dependencies with each other.
#1144	Need a more graceful shutdown of RIB via stop_egate	The stop_egate script to bring the RIB e*gate environment down was modified to attempt to bring down the e*gate environment more gracefully by issuing a shutdown command and if all else fails, a 'kill -9'.
#1147	start_egate script doesn't redirect properly to /dev/null	This was a minor syntax change to the RIB e*gate startup script so that all command-line calls redirect to /dev/null correctly.
#1151	RIB 11.1 doesn't work with French (defect DEFECT000377181)	This was a previous issue that was 'hot-fixed' for RIB 11.0.2 and was rolled into RIB 11.1. The original issue prevented certain French characters from working when retrieving the bytes. This fixes the original issue by using UTF-8 to retrieve the bytes.
#1157	install script uses whoami	The RIB 11.1 install script now uses a different mechanism to retrieve the user id
#1161	stop_rib uses "whoami"	The RIB 11.1 shutdown script now uses a different mechanism to retrieve the user id
#1173	Remove reference to 'rcom' properties in rib properties file (DEFECT000377555)	The rcom'xxx' properties in rib.properties were modified to remove the rcom prefix. Customers who are upgrading from RIB 11.0.2 should note that all rcom'xxx' properties should be renamed to remove the rcom prefix.
#1204	AIP-specific entries need to be modified in Install Guide	Several updates have been made to the RIB 11.1 installation guide to ease with the installation of RIB J2EE applications.
#1212	Add overloaded publish methods to the Service interface.	Overloaded publish methods were added to the RIB J2EE application APIs so that AIP could use these methods.
#1255	install fails, install script reports success	The install script was modified so that only correct installs are reported.
#1298	hospital retry broken due to only using date and not timestamp (DEFECT000393381)	The hospital retry e*way didn't work because the date did not include a timestamp and therefore retries weren't happening. This is fixed in RIB 11.1

Change type/Reference #	Title	Description
Deprecation (#1279)	De-support and removal of RIB properties file GUI and RIB Timings log GUI/command-line tool	Previous RIB releases included a RIB properties file GUI and RIB Timings log statistics generator GUI/command-line tool. With RIB 11.1, these applications have been desupported and are no longer shipped with the RIB. A RIB Timings component in the RIB Diagnostics and Monitoring tool will be provided for the extent of analyzing RIB timings logs. See 'Chapter 5' of the Operations Guide and the RIB Diagnostics and Monitoring Guide for more information on RIB Timings.
Documentation	Technical Documentation changes for RIB 11.1	<p>The following documents have been modified as part of RIB 11.1:</p> <ul style="list-style-type: none"> • RIB 11.1 Installation Guide – was modified to address upgradeability and a number of documentation defects were resolved. Also added install instructions for the Retek Integration Hospital Administrator (RIHA). • RIB 11.1 Operations guide – An appendix was added for the Retek Integration Hospital Administrator (RIHA) <p>The following documents have been added as part of the RIB 11.1 release</p> <ul style="list-style-type: none"> • RIB 11.1 Diagnostics and Monitoring Guide – this is an install and operational for the RIB Diagnostics and Monitoring Toolkit and also has sections for frequently asked questions.
Enhancement	New Retek Integration Hospital Administrator (RIHA)	The Retek Integration Hospital Administrator (RIHA) addresses key functions in usability and management of messaging errors. The RIHA GUI replaces the old hospital administrator and will seamlessly install over existing RIB 11.1 installations without any schema/database changes. The old error hospital GUI will still supported with the RIB 11.1 release; however this will be de-supported in future releases of the RIB. Please note that RIHA is only supported in English for the initial release in RIB 11.1. See above 'Known Issues' for more information on this. Additionally, RIHA is only supported on RIB 11.x versions. For more information on RIHA, see the RIB 11.1 install and operations guide.
Enhancement (#1077)	New Diagnostics and Monitoring toolkit	A new Diagnostics and Monitoring toolkit has been introduced to address usability issues in managing and configuring RIB environments. Please see the RIB 11.1 Diagnostics and Monitoring Guide for more information on this toolkit. The Diagnostics and Monitoring toolkit works with any RIB 11.x installations. Please note, these tools are provided for reference only and support will be provided exclusively through regularly scheduled RIB patch releases.

Change type/Reference #	Title	Description
Enhancement (#1100)	All RIB J2EE should deploy on WAS-ND	Changes were made to the installation of RIB J2EE apps so that the Network Deployment version of WebSphere Application Server can be used to deploy and manage multiple WAS instances. For WAS ND there was a new property ("DEPLOYING_THROUGH_WAS_ND") added to the installation input file.

Below is a detailed list of **RIB Application PAK changes** since the last release of the RIB 11.0.2:

Change type/Reference #	Title	Description
#1089	RIBForRWMS10.3.5 -- Order cancels e*way in RDM has issues (DEFECT000375140)	A TAFR shipped with RDM incorrectly processed order cancels. This has been resolved with RIB 11.1
#1114	RIBForRCOM11.0.0 and RIBForWSRCOM11.0.0 -- Remove RCOM and WS-specific typed payloads	RCOM and Williams-Sonoma custom interfaces/payloads have been modified to accept strongly-typed payloads. Un-typed payloads will not be supported going forward from RIB 11.1
#1168	RIBForRCOM11.0.0 -- RCOM hospital errors need improvement (DEFECT000377490)	The RCOM application error messages are in the stack trace when RCOM throws a runtime exception
#1170	RIBForRCOM11.0.0 and RIBForRWMS10.3.5 -- ewCustOrderToStockOrderFromRIB TAFR for RCOM has message errors (DEFECT000377344)	Customer orders from RCOM to RDM were getting stuck on the JMS due to a message being incorrectly formed. The ewCustOrderToStockOrderFromRIB TAFR now properly formats the message.
#1171	RIBForRCOM11.0.0 -- CoRef to SOHdrDel or SODtlDel should set RDM dest id (DEFECT000377546)	The RIB TAFR ewCustOrderToStockOrderFromRIB was modified to use the RDM dest id from SOHdrDel/SODtlDel
#1173	RIBForRCOM11.0.0 -- Remove reference to 'rcom' properties in rib properties file (DEFECT000377555)	The rcom'xxx' properties in rib.properties were modified to remove the rcom prefix. Customers who are upgrading from RIB 11.0.2 should note that all rcom'xxx' properties should be renamed to remove the rcom prefix.
#1176	RIBForRWMS10.3.5 -- ewCustOrderToStockOrderFromRIB issues	This fixes multiple issues in the ewCustOrderToStockOrderFromRIB TAFR: 1) Bad XML format, 2) desc_id default value was incorrect.

Change type/ Reference #	Title	Description
#1190	RIBForRMS -- Discharge_port needs to follow discharge_desc (DEFECT000376702)	This was previously noted as a 'known issue' in RIB 11.0.2. The issue was that the discharge_port and discharge_desc were specified in the wrong order. The fix was to change this so that discharge_port comes first in the message definition.
#1199	RIBForRWMS10.3.5 -- RIB - RDM SO Delete Fails (DEFECT000377529)	Stock Order deletes are now correctly sent from RDM to RCOM
#1204	RIBForAIP11.3.0 -- AIP- specific entries need to be modified in Install Guide	Several updates have been made to the RIB 11.1 installation guide to ease with the installation of RIB J2EE applications.
#1212	ALL PAKs -- Add overloaded publish methods to the Service interface.	Overloaded publish methods were added to the RIB J2EE application APIs so that AIP could use these methods.
#1233	ALL PAKs -- component.xml should not be overwritten (RQST00000065876)	A partial fix to this issue was implemented via a documentation update. It is now recommended to copy component.xml from the RIB for RMS PAKs into the installed RIB environment so that a superset of all application component.xml entries are made. A future fix will resolve this so that each application PAK has separate component.xml config files.
#1297	RIBForRCOM11.0.0 -- SOSTATUSCRE error message when creating order in RCOM (DEFECT000393426)	A SOSTATUSCRE error message was appearing in the RCOM RIB hospital when creating a customer order in RCOM. This error has been resolved. The error messages in the hospital were of the following format: "javax.ejb.EJBException: javax.transaction.TransactionRolledbackException: CORBA TRANSACTION_ROLLEDBACK 0x0 No; nested exception is: org.omg.CORBA.TRANSACTION_ROLLEDBACK:"
#1302	RIBForRMS -- Bad relationship in oracle obj between ItemUPCRef and ItemRef (RQST00000067437)	The ItemUPCRef oracle object erroneously had a 0-to-many relationship with ItemRef. The fix was to change the ItemUPCRef oracle object back to have a 1-1 relationship with ItemRef.

Change type/ Reference #	Title	Description
#1304	RIBforRMS10.1.9 -- mismatches between RIB DTDs and RMS db (RQST00000067391)	<p>The following DTDs and functional areas were modified to match RMS publisher specifications for optional fields. All changes were to make optional fields specified in RMS's data model match RIB field specifications.</p> <ul style="list-style-type: none"> • ISCDimDesc.dtd • ItemDesc.dtd • ItemLocDesc.dtd • ItemUPCDesc.dtd • ItemZonePrcDesc.dtd • PartnerDesc.dtd • RTVReqDesc.dtd • StoreDesc.dtd • VendorAddrDesc.dtd • VendorDesc.dtd • WHDesc.dtd
#1354	ALL PAKs – RIB system table upgrade script problems (RQST00000067488)	There were syntax errors in portions of the rib_tables_110_update.sql and rib_table_values_110_update.sql. This was fixed in the RIB 11.1 Objects package.
#1424	RIB for RMS 10.1.9 – missing e*Ways	<p>The following e*Ways were missing from the RIB 11.0.2 for RMS 10.1.9 PAK:</p> <ul style="list-style-type: none"> • Invreq -- ewInvReqToRMS.zip • Xitem -- ewXItemToRMS.zip • Xitemloc -- ewXItemLocToRMS.zip <p>These were fixed and added to the RIB 11.1 for RMS 10.1.9 PAK</p>
#1440	RIBforISO 10.4 – RIB for ISO 10.4 points a wrong topic (DEFECT000394976)	RIBforISO 10.4 was pointing to a topic. This was corrected so the default install of the RIB 11.1 for ISO 10.4 PAK points to the correct topic
#1471	RIBforRMS10.1.9 – The CLOB object for RTV in RMS 10.1.9 should be Oracle Object (DEFECT000395301)	The component.xml for the RTV interface was using a CLOB object and was corrected to use an Oracle Object in the RIB 11.1 for RMS 10.1.9 PAK.

Change type/ Reference #	Title	Description
#1472	RIBforRMS -- RTVReq Pub errors not being published to hospital in RMS (RQST00000070137).	When an RTVReq message publishing fails, the message was not posted to the RMS hospital as a PubError but rather stayed in the mfqueue table with a pub_status of 'U'. This caused the ewRTVReqFrom RMS to keep retrying publishing of this message, hence causing backlog.. This is now fixed in the pubtrans jar.
Deprecation	ALL PAKs – Deprecated APIs	Please refer to the RIB javadocs for more information on all deprecated methods, classes, and packages. The recommendation is to not leverage these APIs as they may be desupported in future versions of the RIB
Documentation	ALL PAKs – Functional Documentation changes for RIB 11.1	The following functional documents have been modified as part of RIB 11.1: <ul style="list-style-type: none">• RIB 11.1 Integration Guide – minor changes to account for functional differences due to bug fixes