

# **Retek<sup>®</sup> Integrated Store Operations<sup>™</sup> 11.0**

## **Crystal Reports Installation Guide**



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- Exact error message received.
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# Windows installation and configuration of Crystal Desktop and Administrative Console Interface

## Prerequisites

- Install JDK 1.4.2\_0X
- Set the JAVA\_HOME environment variable if it is not already there.
- Install Tomcat 4.1.30 (The Tomcat install directory will be referred to as %CATALINA\_HOME% in this document.
- Install Crystal Enterprise 10 and Crystal Reports Client on your computer. These products must be installed as a user with administrative privileges.

## Deploying the Crystal Enterprise Launchpads and Crystal Management Console on Tomcat

- 1 Unzip the reporting.zip file to a staging directory on your machine. This directory will be known as INSTALL\_DIR going forward.
- 2 Shut down Tomcat if it is running. Type %CATALINA\_HOME%\bin\shutdown in the Command Prompt window. If running as a services, shutdown the Tomcat service
- 3 Copy the customized retekCrystal.war file from the INSTALL\_DIR\war folder into the %CATALINA\_HOME%\webapps\ folder Once Tomcat is restarted, the retekCrystal.war file will be expanded into the webapps folder. The parameter and print application is located under the retekCrystal folder. This step creates Crystal user launch pad
- 4 Open the file %CATALINA\_HOME%\conf\server.xml using a text editor such as Notepad.

Add the following line directly above the line <!-- Tomcat Examples Context -->:

```
<Context path="/crystal" docBase="C:\Program Files\Crystal  
Decisions\Enterprise 10\  
java\applications\webcompadapter.war" debug="0" reloadable="false"/>
```



**Note:** If you install Crystal Enterprise in a location other than the default installation directory of C:\ProgramFiles\Crystal Decisions\Enterprise 10, adjust the path descriptions to match your actual install directories.

- 5 Save server.xml after it has been edited.
- 6 Add C:\Program Files\Crystal Decisions\Enterprise 10\win32\_x86\ to the PATH environment variable. (This directory contains Crystal Enterprise DLLs that the WCA uses.)
- 7 Copy the Java archive file cewcanative.jar from C:\Program Files\Crystal Decisions\Enterprise 10\java\applications) to %CATALINA\_HOME%\shared\lib.
- 8 Restart Tomcat by typing %CATALINA\_HOME%\bin\startup at the command prompt.

- 9 Access the Crystal Management Console by loading <http://servername:8080/crystal/enterprise10/adminlaunch> and clicking on Crystal Management Console. For *servername*, substitute the name of the machine where you installed Tomcat. If you chose to use a port number other than the default value, substitute that value for 8080.
- 10 Log on to the Crystal Management Console (CMC) as Administrator. By default, the Administrator account has no password.
- 11 Go to the Crystal Applications area of the CMC, and click Web Desktop.
- 12 On the Properties tab, ensure that the WCA context path is set to /crystal.
- 13 Click Update.
- 14 Restart Tomcat by typing %CATALINA\_HOME%\bin\startup at the command prompt. Restart your server if you are running Tomcat as a NT services.
- 15 To test the Crystal Enterprise User Launchpad, open a web browser and type <http://servername:8080/crystal/enterprise10/desktoplaunch> in its address bar. For *servername*, substitute the name of the machine where you installed Tomcat.
- 16 The Crystal Enterprise User Launchpad should open.
- 17 To log on to the Java version of the Crystal Enterprise web desktop, click the Crystal Enterprise link.
- 18 To test the Crystal Enterprise Admin Launchpad, open a web browser and type <http://servername:8080/crystal/enterprise10/adminlaunch> in its address bar. For *servername*, substitute the name of the machine where you installed Tomcat.

## Integrating SIM with Crystal Enterprise 10

### Additional Prerequisites

Oracle 9.X client must be installed on the desktop

### Install the SIM Business View in Crystal Enterprise Server.

- 1 Click Start/Program/Crystal Enterprise 10/Business View Manager.
- 2 Log on to the Crystal Enterprise server as the Administrator. System is the name of the machine you are using and the default password for Administrator is blank
- 3 On the menu bar, click Tool/Import Business View and select the ISO 104 BusinessView.xml file to import (this is located in INSTALL\_DIR\reports).
- 4 Once the ISO Business View import is complete, expand the SIM folder (under “Repository Explorer”) and open the ISO 10.4 database connection by double clicking on it.
- 5 On the properties browser on the lower left hand side corner, change the Username, Password and Connection to point to your SIM environment and save once the information is entered. If you do not see the Property Browser, check “Object Explorer” under the “View” menu.



## Install SIM reports with Crystal

- 1 Log on to the Crystal Enterpriser as user Admin by accessing the URL <http://servername:8080/crystal/enterprise10/adminlaunch> . Click on “Users” and a new user called SIM . Repeat Step 2 for each of the reports in the INSTALL\_DIR/reports directory
- 2 Open the Crystal Desktop by selecting Start/Program/Crystal Reports 10 Tools/Crystal Reports 10.
- 3 When prompted to login to the Crystal Enterprise, click ‘cancel’(it may prompt for this several times). Ignore any error messages.
- 4 Open the report, select “File” from the menu and click on ‘save as’
- 5 Ignore any error warnings and click the ‘save’ button.
- 6 When the “Save As” screen appears, click the ‘Enterprise’ folder on the left and then it will instruct you to login.
- 7 Log in as Administrator and expand the ‘User Folders’. Select the ‘SIM’ folder and save the report. (the SIM folder was created when the new user was created in Step 1).
- 8 Once the reports have loaded, build the views required by the report by logging in to the ISO database and running each of the sql scripts in INSTALL\_DIR/sql .