Installation User Guide

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Revision History

Name	Date	Description	Version
Naomi Skopec	7/27/2015	Document Creation	
Kristina Webb	9/28/2015	Document Revision	
Naomi Skopec	09/29/2015	Document Revision	
Kyle Wilson	12/11/2019	Document Revision	
Bethanee Esqueda	2/5/2021	Document Revision	
Kyle Wilson	7/30/2021	Added Schema Section	

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Frequently Asked Questions

1. **Will my database schema update when I run a new version?**

   Yes. When Jurymark is opened by a user, the database they connect to with the connection file will be updated to the version they are using.

2. **What happens if I accidentally log into production with the version I'm running in test?**

   If you log into production using a newer version in test, the production database schema will update to that newer version. All versions of Jurymark are backwards compatible with the database schema. You can log out of Jurymark and log in to production with the previous version you still intend to use.

3. **How do I roll back to the older version?**

   To roll back, you can follow the same instructions above using the older version you created as a backup. The AppVerDate.txt should be updated to the current date for all users to revert to the older version.

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Database Schema Changes

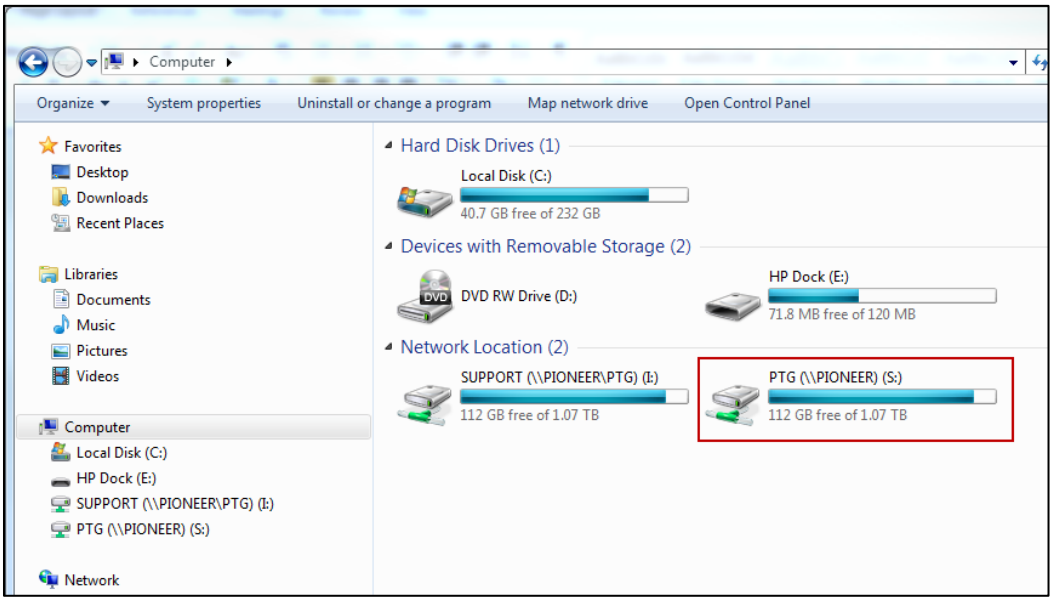
Jurymark software updates often include changes to the database schema to facilitate new fields and other added features. These schema changes are automatically applied during the first launch of the new version after updating. Any changes are always backwards compatible. Older versions will still run properly when connecting to a database that has been updated to a newer schema.

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Initial Installation

Installation Process

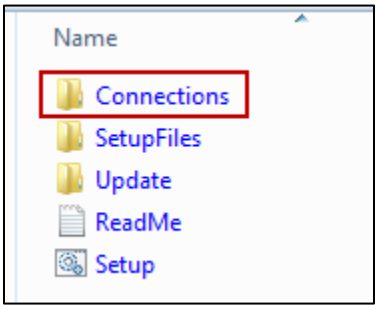
1. Create a file share that all users will have access to

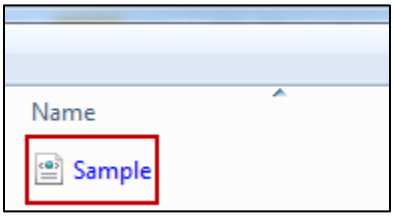


2. Place the files from the download site into a folder titled Jurymark

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3. Before installing, the county will need to customize the following:
    a. Connections – Double click the connections folder. Inside there will be a Sample XML, edit this file. Enter in the Database name, SQL server name, usernames, and passwords, etc. Current installs will already have a connection for test and production.






```
<?xml version="1.0"?>
      <JuryConnection xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
            <FriendlyConnectionName>Sample</FriendlyConnectionName>
            <BusinessLayerConnection>appserviceslayer</BusinessLayerConnection>

            <ConnectionServer></ConnectionServer>
            <ConnectionDatabase></ConnectionDatabase>
            <ConnectionUserID></ConnectionUserID>
            <ConnectionPassword></ConnectionPassword>
            <ConnectionIntegratedSecurity>true</ConnectionIntegratedSecurity>

            <endpoint_address>http://websiteurl/MainModuleService.svc/basic</endpoint_address>

            <UserID>1</UserID>
            <UserName>public</UserName>

         <TablesToAuditCheck>CourtRoom, Document, DocumentImage, Fee, FeeDisbursement, GLNumber, History, Judge, Jurisdiction, Juror, JurorStatus, LookupList, Note,
Panel, PanelAttendance, PanelAttendanceJuror, PanelJuror, PanelJurorStatus, PanelStatus, PanelType, PaymentBatch, PaymentCheck, Pool, PoolAttendance,
PoolAttendanceJuror, PoolGroup, PoolJuror, PoolJurorStatus, PoolType, Report, ReportParameter, Right, Role, RoleRight, RoleUser, SequenceNumber, Setting, User,
UserPreferences, VersionInfo, WorkStation, ZipCode</TablesToAuditCheck>


            <ConnectionKey>Sample</ConnectionKey>
      </JuryConnection>
```

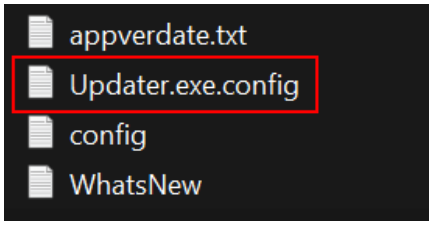
        i. If an error is received when trying to log in, there could be more than one connection xml with the same ‘ConnectionKey’.
        ii. Subfolders of ‘Connections’ and all the connection files are located here.
        iii. UserID for the website and services will run with that user’s rights and role. This user has to be created or else it will throw a silent error.
    b. Additional connection files can be added, if needed.

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4. Jurymark Update
    a. This is where all the different files will be copied into when updating a version.
    b. Change the “AppVerDate.txt” file on the server to a more recent date so it will update all client machines who run the Updater.exe.
    c. Updater.exe.config
        i. This is the config file that needs to be configured to point to the server with the Jurymark updater folder.



        ii. There is an example of how this setup should look. The file is called Updater.exe.config.sample



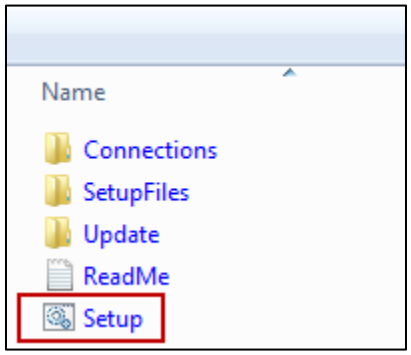
        iii. If you do not see the **Updater.exe.config** file, right click in the directory and select “new” then “text document”. Copy the below text into the file:

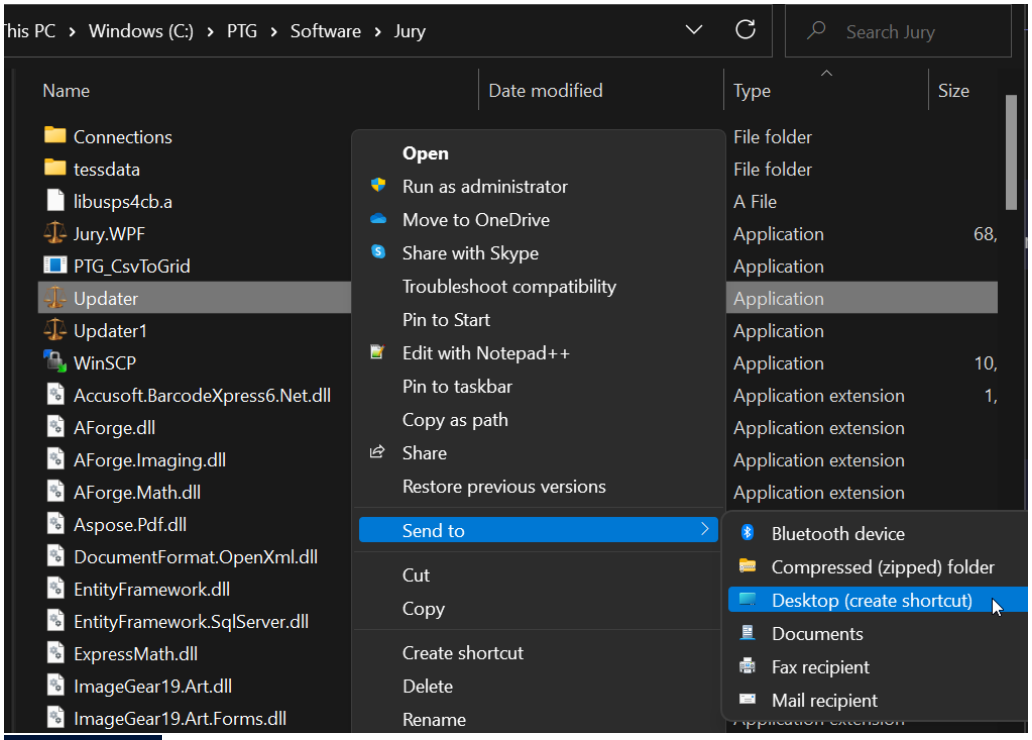
```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
 <appSettings>
  <add key="FileRepository" value="\\this is the full UNC path to the shared launcher files \"/>
  <add key="AppToStart" value="Jurymark.exe"/>
  <add key="ApplicationVersionFile" value="AppVerDate.txt"/>
 </appSettings>
</configuration>
```

1. Be sure to edit the **FileRepository** value to match your path name. Save this as **Updater.exe.config**

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5. Run the setup.bat as an administrator.
    a. Install what pops up: .net, the image viewer, Crystal Reports, the Jurymark Install, etc.
    b. A shortcut will be created on the desktop, delete this and create a new shortcut that points to the Updater.







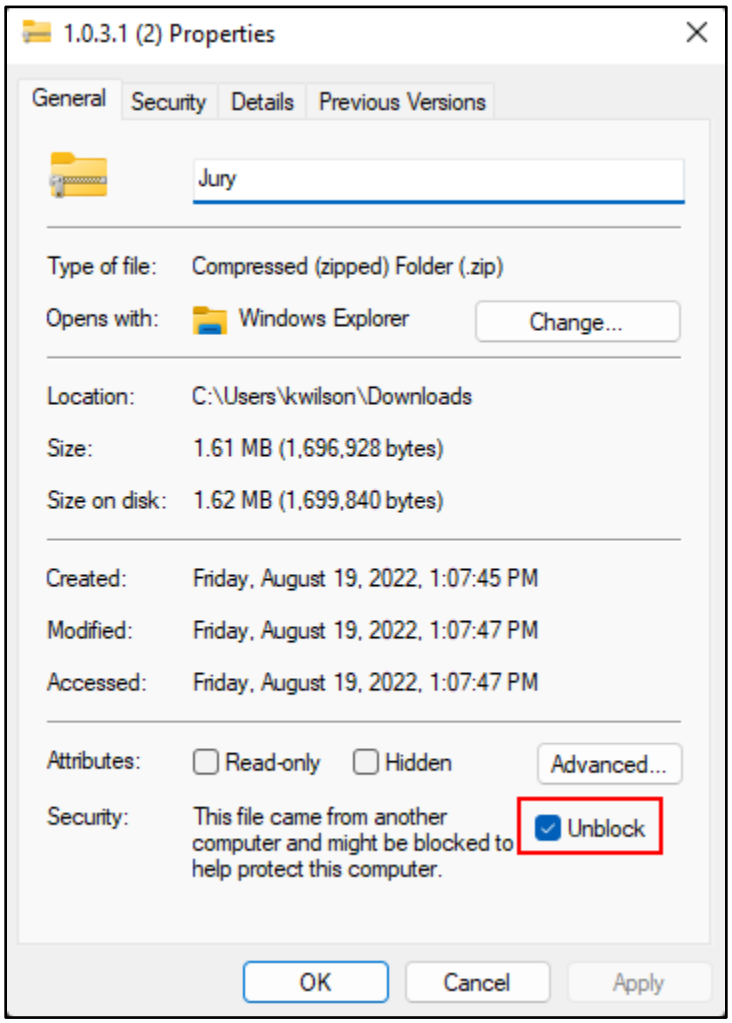
6. Open Jurymark



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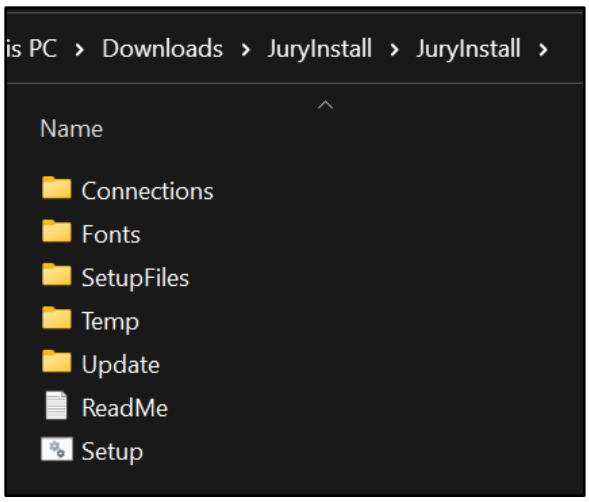
Network Setup & Configuration

1. Download the Jurymark Installation Package.
2. Right click on the downloaded zip and choose **Properties.**
3. Then select **Unblock** and click **OK.**



4. Extract the zip.

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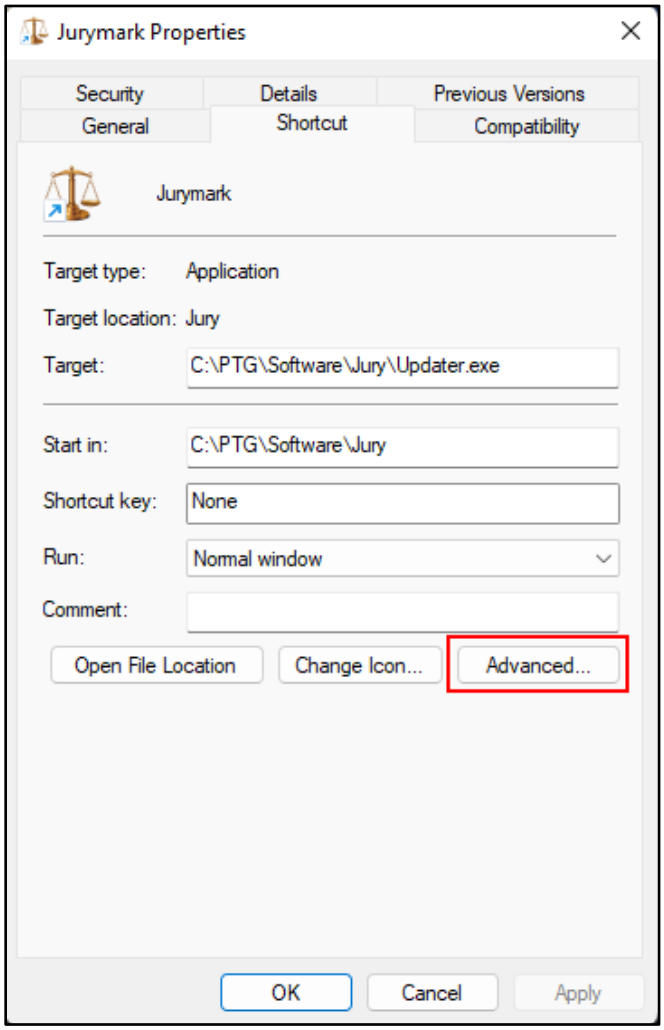


5. Copy the Jurymark Install Folder to a Network share that the client PCS can access.
    a. Note: if you do not intend to take the default install folder, you must edit the setup.bat file and change the paths you will see in the .bat file to match.
6. Go inside the Connections folder and use the Sample.xml connection file as a guide to create your counties connection file.
    a. You should rename the sample.xml file to something meaningful like Live.xml or Test.xml.
    b. Open the xml file and update the following xml tags.
        i. FriendlyConnectionName = this is what the users see in the Client's connection drop down.
        ii. ConnectionKey = Internal use – make this the same as the FriendlyConnectionName.
        iii. ConnectionServer = the name of the SQL server you are connecting to.
        iv. ConnectionDatabase = the name of the SQL database you are connecting to.
        v. ConnectionUserID = the SQL server login you are connecting as.
        vi. ConnectionPassword = the SQL password for the login.
        vii. ConnectionIntegratedSecurity = False if using SQL login/pass otherwise true if using windows user login credentials.
        viii. imageservice_endpoint_address = [OPTIONAL, ONLY USED IF COUNTY IS USING IMAGE SERVICE] URL for the image webservice.
    c. Note: if county already has connections files, just copy them into Connections folder and delete the sample.txt file.
7. Setup the Updater Folder
    a. Go inside the Update folder and rename the Updater.exe.config.sample file to Updater.exe.config.
    b. Edit the file using notepad and change the 'FileRepository' to the location on the network where this folder is located.
    c. Create a new text file in this update folder called: AppVerDate.txt.
    d. Edit that new file and just put in today's date.
    e. Save and close the file.
    f. When new Jurymark updates come out, copy the files into this updater folder.

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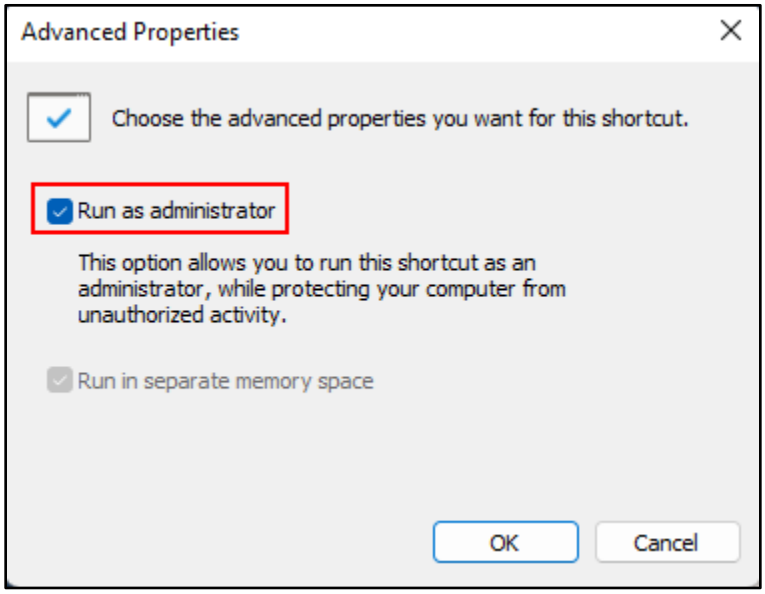
Client Setup & Configuration

1. Copy the Jurymark Install Folder from the Network location to the local PC where you want to install.
    a. The installer must be run locally, not from a network share.
2. Right click on the setup.bat and choose 'Run As Administrator'.
3. Take all the defaults when prompted, answer Yes / OK, etc…
4. At the end of the setup, it will start Jurymark.
    a. Close Jurymark.
    b. Delete the local setup Folder from the PC.
5. You will have a shortcut to Jurymark on your desktop – delete this shortcut to use the updater.
6. Go into the folder where you installed Jurymark - C:\Program Files (x86)\Pioneer Technology Group\Jurymark
    a. Create a shortcut on the desktop to the updater.exe file (you may need to show file extensions to make sure you select the .exe file).
    b. Rename the shortcut to Jurymark.
    c. Right click on the new shortcut and choose properties, then **Advanced.**



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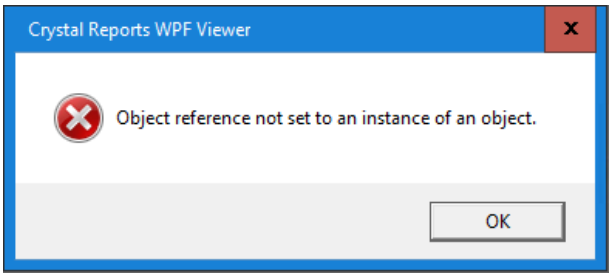
d. Choose **Run as Administrator**



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Crystal Report File Update

If you receive a Crystal Reports error on the receipt screen, add the following lines to the Jurymark.exe.config assembly bindings section.




```
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.CrystalReports.Engine"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportSource" publicKeyToken="692fbea5521e1304"
culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.Shared" publicKeyToken="692fbea5521e1304"
culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.Web" publicKeyToken="692fbea5521e1304"
culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.Windows.Forms" publicKeyToken="692fbea5521e1304"
culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.ClientDoc"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.CommonControls"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
```


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```
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.CommonObjectModel"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.Controllers"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.CubeDefModel"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.DataDefModel"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.DataSetConversion"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.ObjectFactory"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.Prompting"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.ReportDefModel"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportAppServer.XmlSerialize"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
```


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Update

Version Updates

1. Download the new Jurymark version from PTG. Contact Client Services to request a new download.
2. Replace the old files where the Jurymark test environment was installed with the new files downloaded from the Customer Portal.
3. Launch the newly installed Jurymark executable to ensure the installation was successful.
4. Read through the release notes of the new version, stopping at any changes that require admin configuration.
    a. Changes that require admin set up will have a red stop sign image.
    b. Further details on these changes can be found within the admin release notes.
    c. Newly added settings will usually be set to a default “off” configuration.

NOTE: If using the Updater system to update multiple PC’s, the files only need to be updated in the repository folder that the Updater files are pointed at. The new files will be distributed to all PC’s on the next run of the Updater.

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