# Three-Tier Server Upgrade

This section provides instructions to upgrade your deployment when the RiskVision Tomcat Application Server, Apache Web Server, and database are distributed on three servers. The upgrade process emphasizes the step(s) with specific options to select for each component when running the installer to upgrade each component. **The RiskVisionApplicationServerUpgrade.exe installer must be run three times, one time on each server.** Further, this section provides upgrade instructions specific to the three-tier: Case B and four-tier scenarios.

To upgrade the deployment:

1. Copy the following files to the servers where database server, Apache Web Server, Tomcat Application Server and RiskVision Job Manager are installed.

| File	MySQL	Oracle
riskvision.license	✓	✓
RiskVisionApplicationServerUpgrade.exe	✓	✓
jce_policy-8.zip	✓	✓
TIB_js-jrs_6.4.3_windows_x86_64.exe	✓	✓
mysql-5.7.24-winx64.zip	✓	✕
mysql-connector-java-5.1.39.zip	✓	✗
Riskvision-part1.zip	✓	✓
Riskvision-part2.zip	✓	✓
Riskvision-part3.zip	✓	✓

2. Run the upgrade installer on each server one after another. Double-click `RiskVisionApplicationServerUpgrade.exe` .

3. Click **Next**.

4. Check the **I accept the terms in the License Agreement** checkbox.

5. Click **Next**.

6. When running the upgrade installer on the web server system, check the **Web Server(Apache HTTP Server)** checkbox.
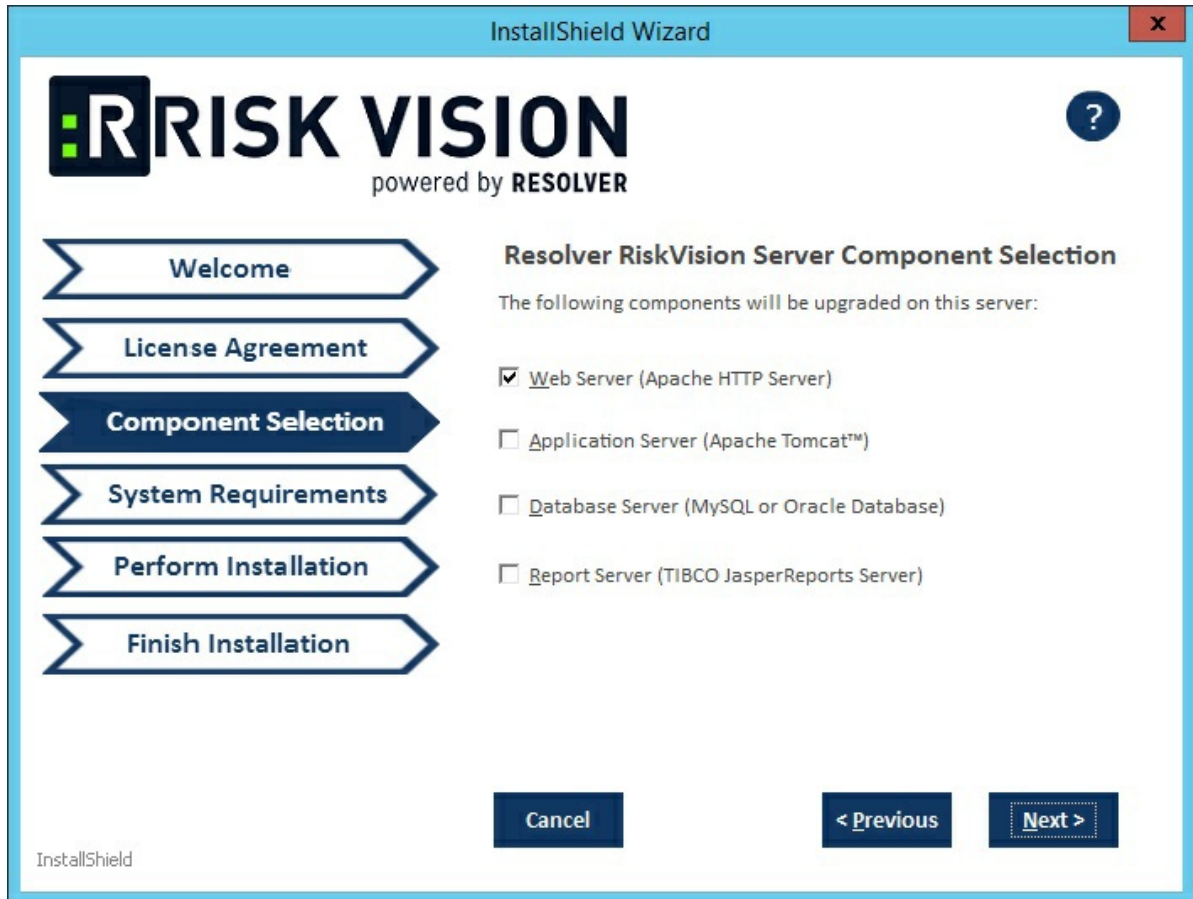
When running the upgrade installer on Tomcat application server system and Report server, check the **Application Server (Apache Tomcat)** and **Report Server (TIBCO JasperReport Server)** checkboxes.
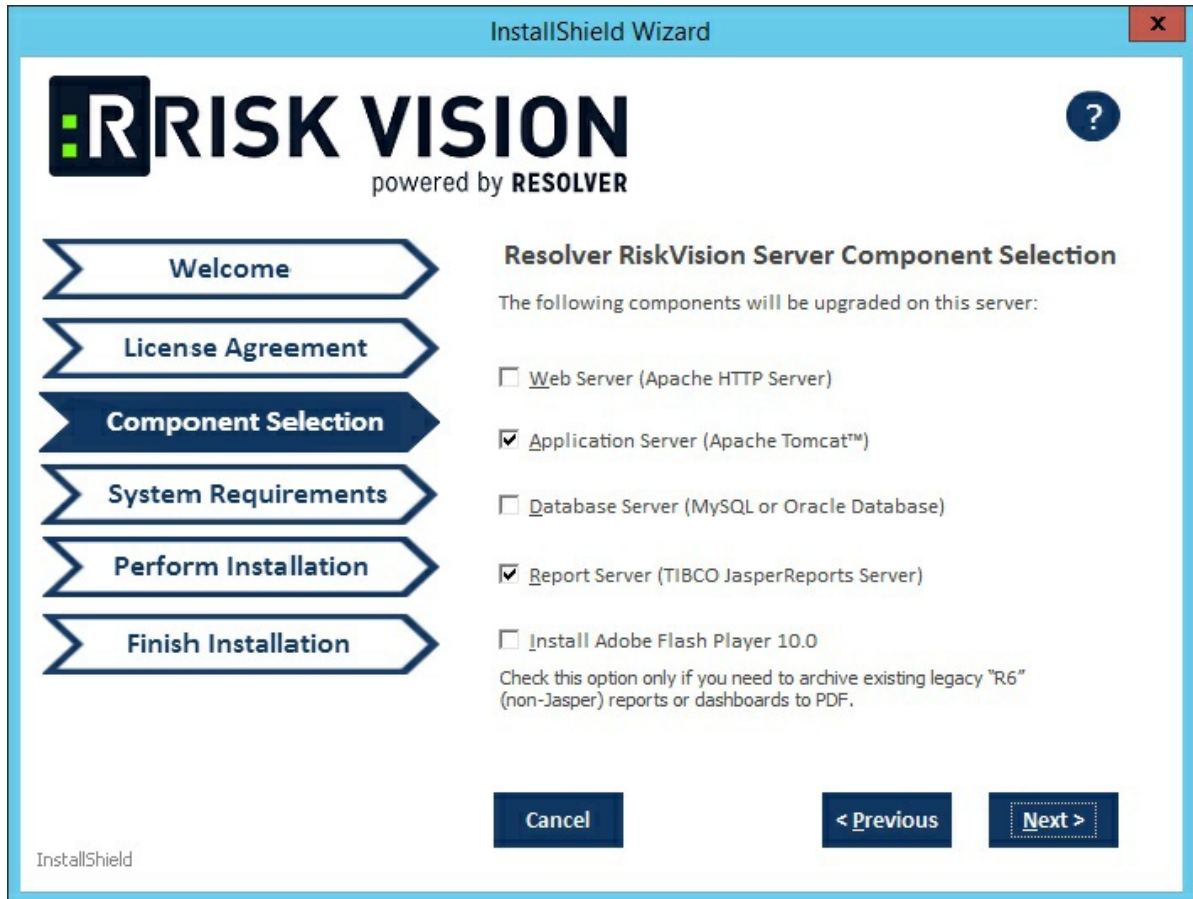
When running the upgrade installer on the web server system, check the **Database Server(MySQL or Oracle Database)** checkbox.
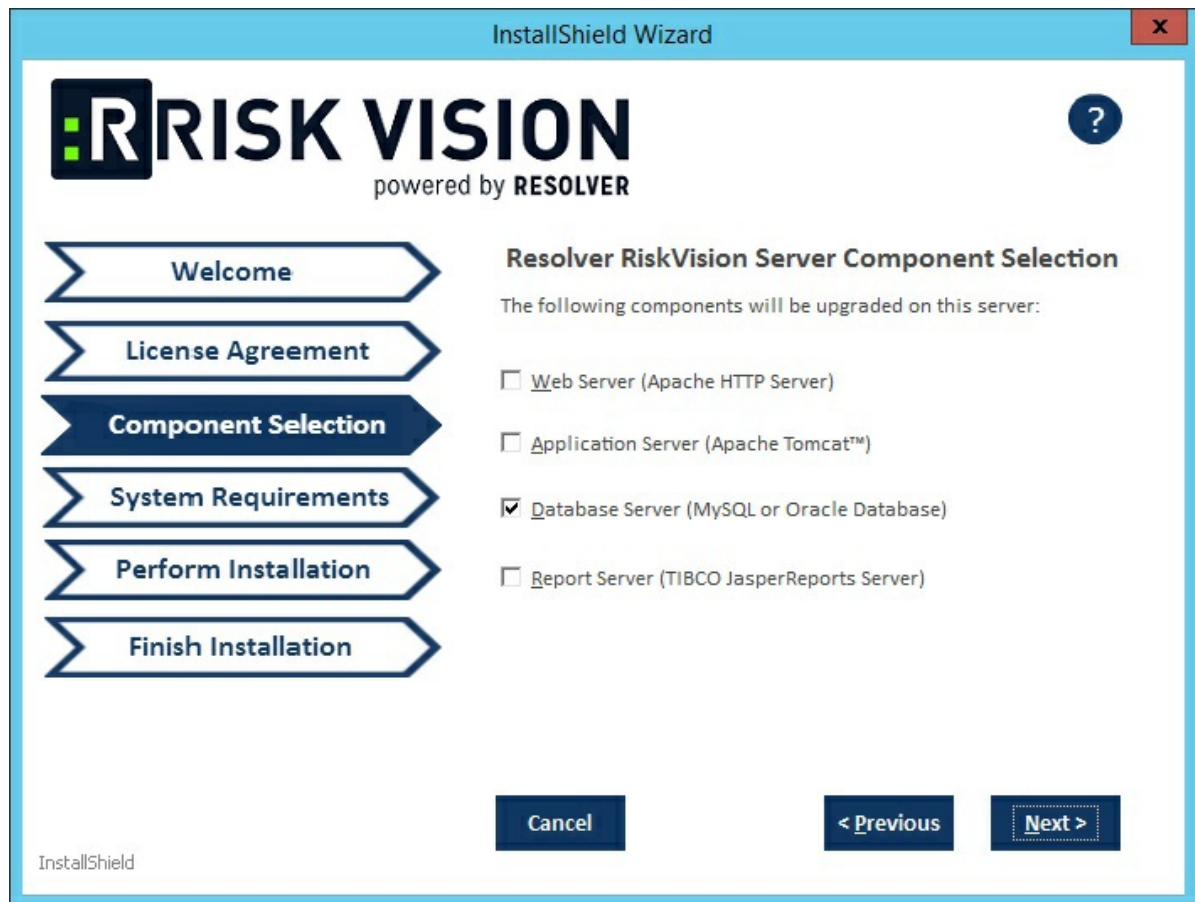
7. Click **Next**.

8. Select the database type, either **MySQL or Oracle**.

    ○ **MySQL database:**

        a. Click the **Application Server IP Address** field and enter the IP address of the RiskVision Server in which the application server is running.

        b. Click the **Application Server Host Name** field and enter the hostname of the RiskVision Server in which the application server is running.

        c. Enter the database reportuser password in the **ReportUser Password** field. Enter the same password in the **ReportUser Confirm Password** field. Memorize this password as you will need it when you set up the RiskVision Report Server, whether for a new installation or an upgrade.

        d. Enter the hostname of the database in the **Database HostName** field.

        e. Enter the fully qualified domain name of the RiskVision Report Server in the **Report Server HostName** field.

        f. Enter the database port in the **Database Port** field.

        g. Enter the PostgreSQL admin password in the **PostgreSQL Admin Password** field. Enter the same password in the **Confirm PostgreSQL Admin Password** field.

    ○ **Oracle database:**

        a. Enter the IP address of the RiskVision Server in which the application server is running in the **Application Server IP Address** field.

        b. Enter the hostname of the RiskVision Server in which the application server is running in the **Application Server Host Name** field.

c. Enter the database reportuser password in the **ReportUser Password** field. Enter the same password in the **Confirm ReportUser Password** field. Memorize this password as you will need it when you set up the RiskVision Report Server, whether for a new installation or an upgrade.

d. Enter the hostname of the database in the **Database HostName** field.

e. Enter the fully qualified domain name of the RiskVision Report Server in the **Report Server HostName** field.

f. Enter the database port in the **Database Port** field.

g. Enter the Oracle Service name, in the **Oracle Service name** field.

h. Enter the PostgreSQL Admin password in the **PostgreSQL Admin Password** field. Enter the same password in the **Confirm PostgreSQL Admin Password** field.

9. Click **Next**.

10. If your server does not meet the system and hardware requirements, the **System Requirement** wizard page will open. Continuing without meeting the system requirements could adversely affect performance. Consult the Minimum Hardware Requirements. Click **Accept** to continue the installation or click **Abort** to cancel. If you click **Accept** followed by **Next**, you will be directed to the **Begin Installation** wizard page. If you click **Abort** followed by **Next**, you will be prompted to click **Finish** so that you can stop the installation.

11. Click **Install** to begin the installation.

12. Review the Release Notes, then check the **I confirm that I have read the above notes** checkbox.

13. Click **Finish**

At this point, the upgrade process is complete.

InstallShield Wizard

RISK VISION
powered by RESOLVER

Resolver RiskVision Upgrade Completed

- Welcome
- License Agreement
- Component Selection
- System Requirements
- Perform Installation
- **Finish Installation**

Congratulations! The following components have been upgraded successfully:

1) Resolver RiskVision
2) Report Server.

If you wish to install the below configuration files at this time, please enter the location of the files and click on the 'Finish' button when done.

Resolver RiskVision License File (riskvision.license) :

`n_Build\riskvision.license`

Browse...

IMPORTANT: Please review the Release Notes for required post-installation steps.

☑ I confirm that I have read the above note.

Finish

InstallShield