



LAW Server Software

These upgrade instructions will provide you with a walkthrough that will assist in upgrading the LAW Server Software.



CAUTION: SQL Server 2005 Workgroups Edition and LAW should only be installed by an IT Professional. Improper installation can result in loss of data.

Requirements

This upgrade requires the following;

- SQL Server 2005 Workgroups Edition (if not already installed).
- LAW Server Software Upgrade Installation CD.
- Approximately 2 to 4 hours of time (dependant upon internet bandwidth to the LAW server) for the installation of both SQL Server 2005 Workgroups Edition and the LAW Server Software.
- Approximately 1 hour of time for LAW Server Software Upgrade ONLY.
- If you already have SQL Server 2005 Workgroups Edition installed, go to the **Upgrading the LAW Server Software** section on Page 16.

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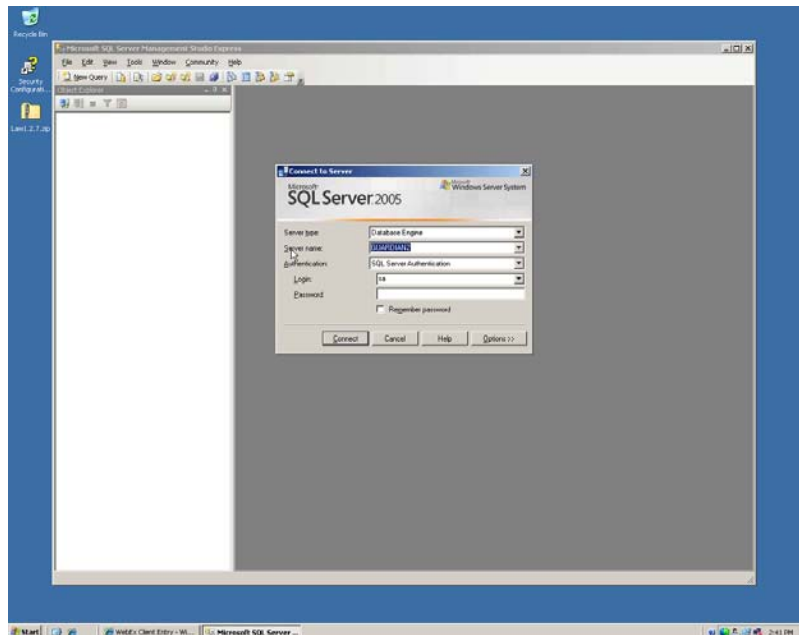
SQL Server 2005 Upgrade Procedure

If you are using a version of the LAW Server Software below 2.0 with SQL Server installed, follow the steps below to upgrade to SQL Server 2005 Workgroups Edition;

- Stop actively running or pending server processes
- Detach ALL LAW databases from SQL Server Express
- Uninstall SQL Server Express
- Install SQL Server Workgroup Edition
- Attach ALL LAW databases to SQL Server Workgroup Edition
- Use Microsoft Update to apply ALL service pack and upgrades

Stopping Server Processes

1. Make sure there are no processes actively running or pending prior to continuing.
2. To check for active processes, open SQL Server Management Studio Express.
3. Log in to SQL Server Management Studio Express.

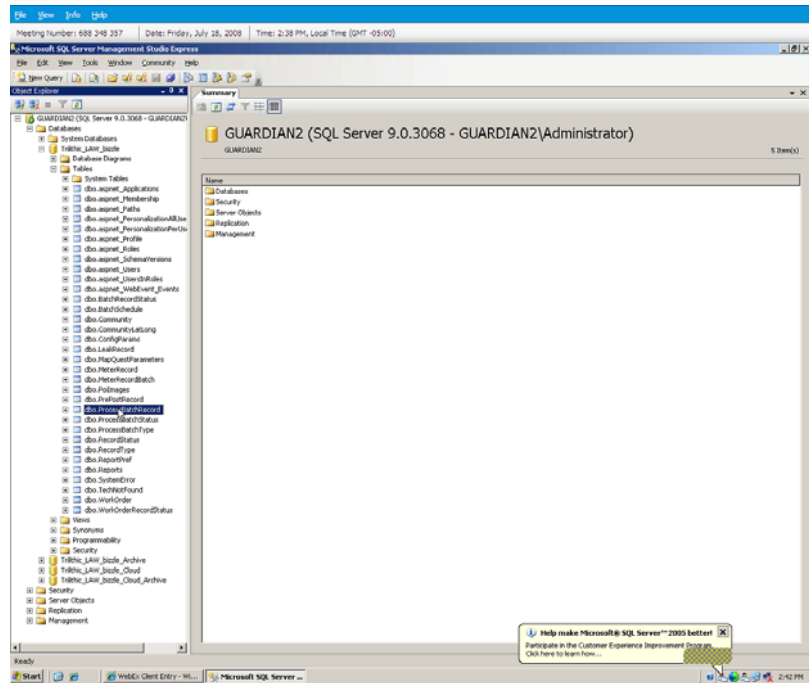


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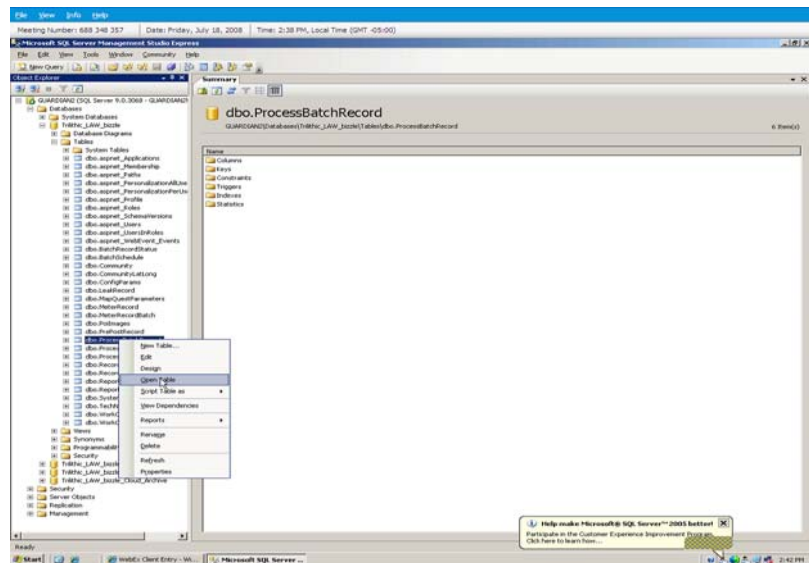
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- Expand the *dbo.ProcessBatchRecord* table by double-clicking the name or selecting the plus (+) sign next to the name.



- Right click on the *dbo.ProcessBatchRecord* table and select **Open Table** from the menu.



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- Verify that all of the **BatchProcessStatusIDs** are set to 3. If they are not set to 3, change them to 3 to stop the processes.

ProcessBatchID	ProcessBatch	ProcessBatchStatusID	SystemErrorID	TotalRecordCount	Priority	LastRecordID
363	5	3	MEZ	0	1	MEZ
364	7	3	MEZ	0	2	MEZ
MEZ	MEZ	MEZ	MEZ	MEZ	MEZ	MEZ

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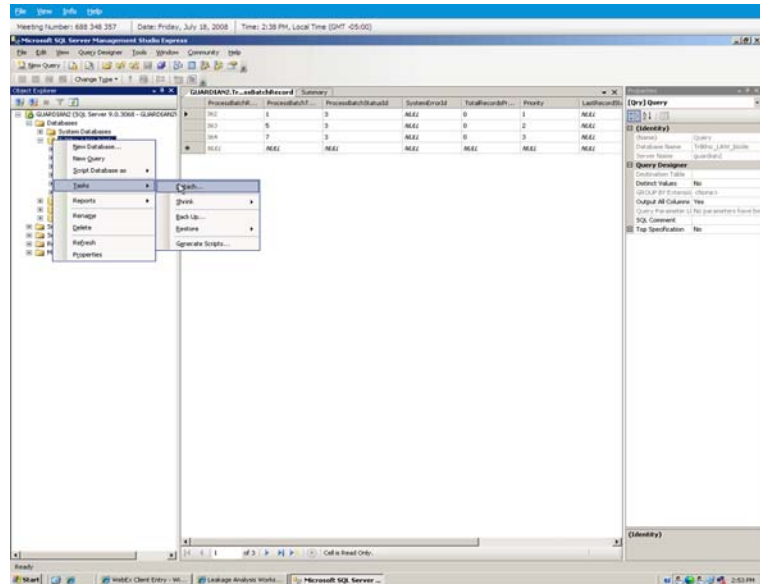


Detach LAW Databases from SQL Server Express



NOTE: Skip this Section if you already have SQL Server Workgroup Edition (or higher) installed on the machine as the default instance with mixed mode authentication. To continue the upgrade procedure, resume at the beginning of the section titled **Use Microsoft Update to Apply ALL Service Packs & Upgrades.**

1. Detach all four (4) LAW Databases shown below by performing the following steps:
 - Trilithic_LAW
 - Trilithic_LAW_Archive
 - Trilithic_LAW_Cloud
 - Trilithic_LAW_Cloud_Archive
2. Right click on the name of the database you wish to detach and select **Detach** from the menu.

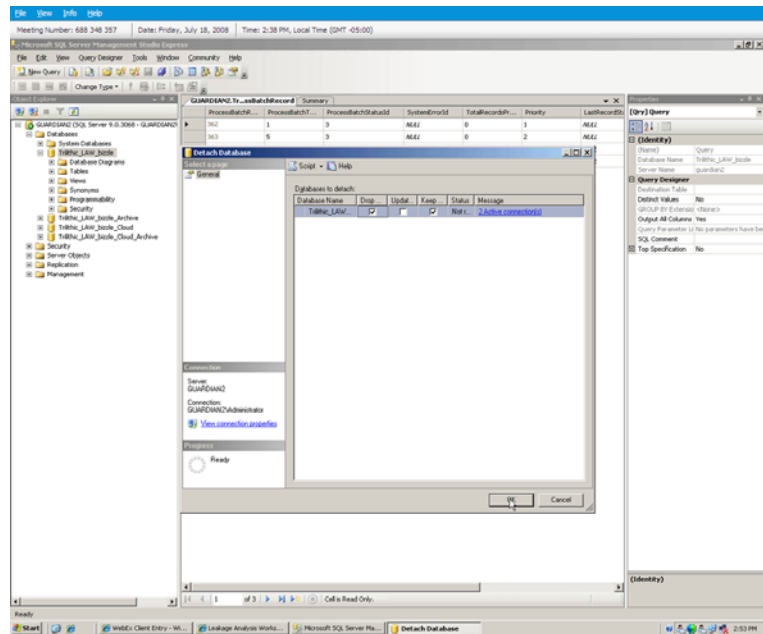


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3. The “Detach Database” window will appear, select the **Drop Connection** check box.
4. Select the **OK** button to finish detaching the database.
5. Repeat Steps 2 through 4 for the remaining databases, and then move to the next section when you are done.



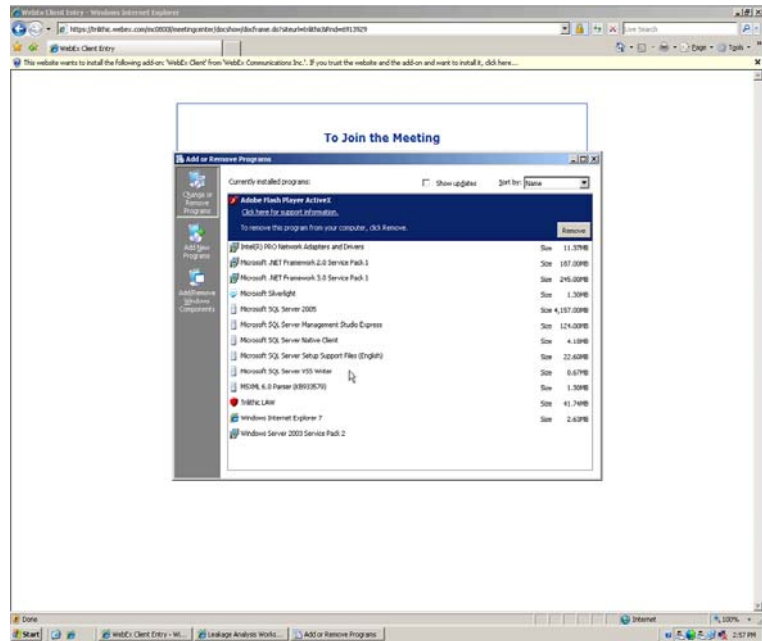
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Uninstall SQL Server Express and All Sub Components

1. From the **Start** menu, select the **Control Panel** icon.
2. From the **Control Panel** window, select **Add or Remove Programs**.
3. From the **Add or Remove Programs** window, select the software that you wish to uninstall, and then select the **Remove** button.
4. Perform the steps within the uninstall program to remove the software.
5. Repeat Steps 3 and 4 to remove all of the server subcomponents that are installed, and then move to the next section when you are done.



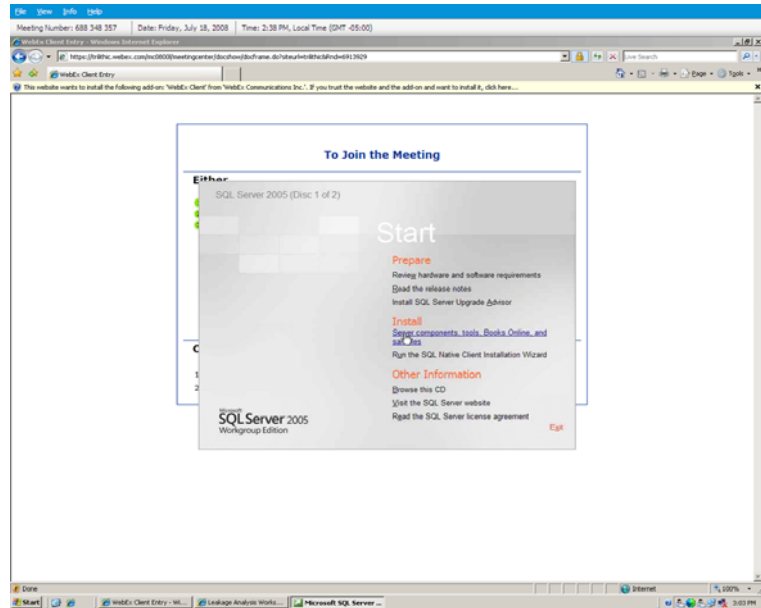
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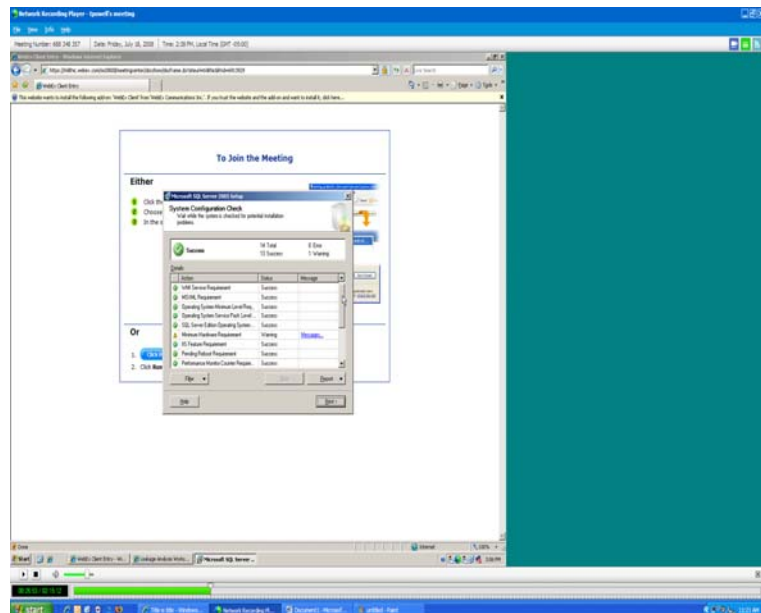


Install SQL Server Workgroup Edition (or Higher)

1. Insert the SQL Server Workgroup installation CD into your CD-ROM drive.
2. If Auto-Run is enabled, the installation program should start automatically. Otherwise, select the installation program from the CD-ROM directly.
3. From the installation screen select the “Install Server Components, tools, books online, & Samples” link.
4. Install the SQL Server Workgroup as the default instance with mixed mode authentication.



5. Within the **System Configuration Check** screen, review and resolve any warnings and once installation is a success, select the **Next** button.

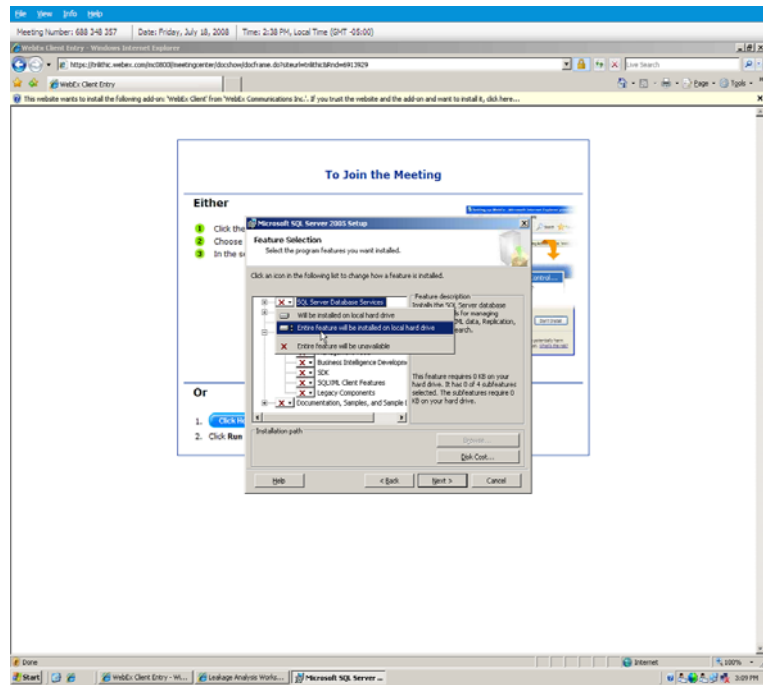


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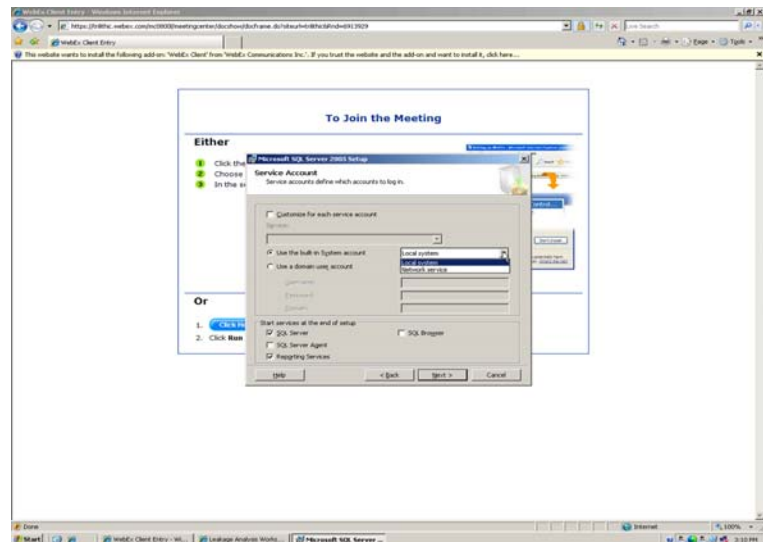
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- From the **Feature Selection** screen, right click on each feature and select "Entire Feature will be installed local on hard drive" and then select the **Next** button.



- From the **Service Account** screen, select "Local System" from the drop-down box next to the "Use the built-in system account." radio button and then select the **Next** button.

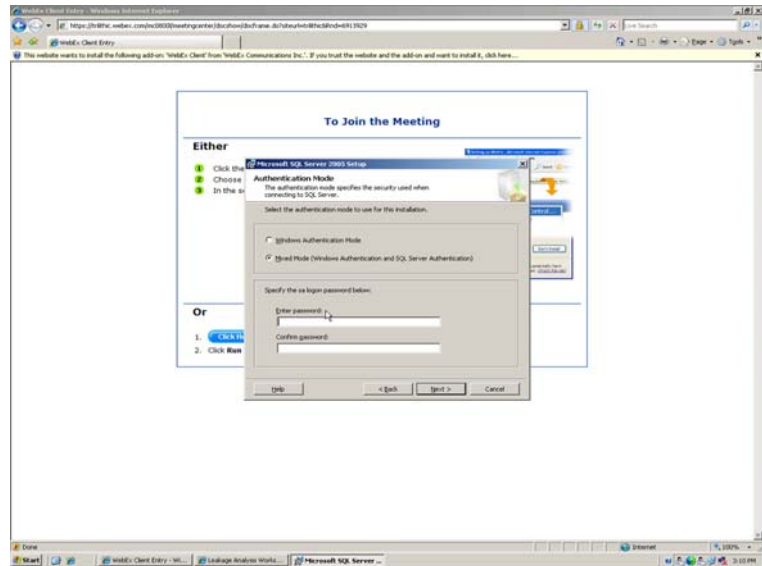


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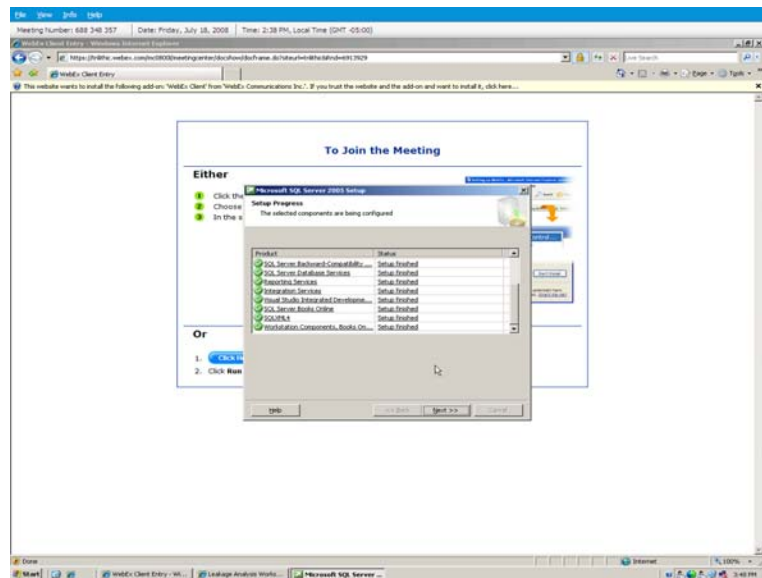
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- From the Authentication Mode screen, select the “Mixed Mode (Windows Authentication and SQL Server Authentication)” radio button.
- Set the default password to; “cableguys” and then select the **Next** button.



- Setup will finish the installation, and then you can select the **Next** button.

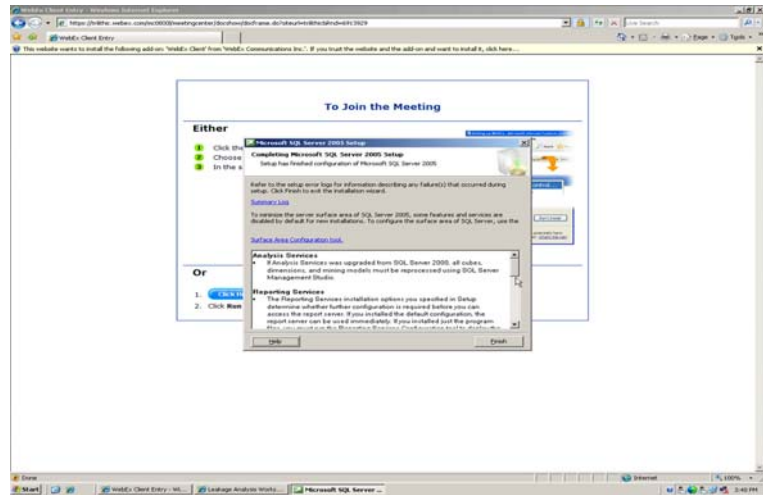


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11. Once the installation is complete, review the summary and select the **Finish** button.



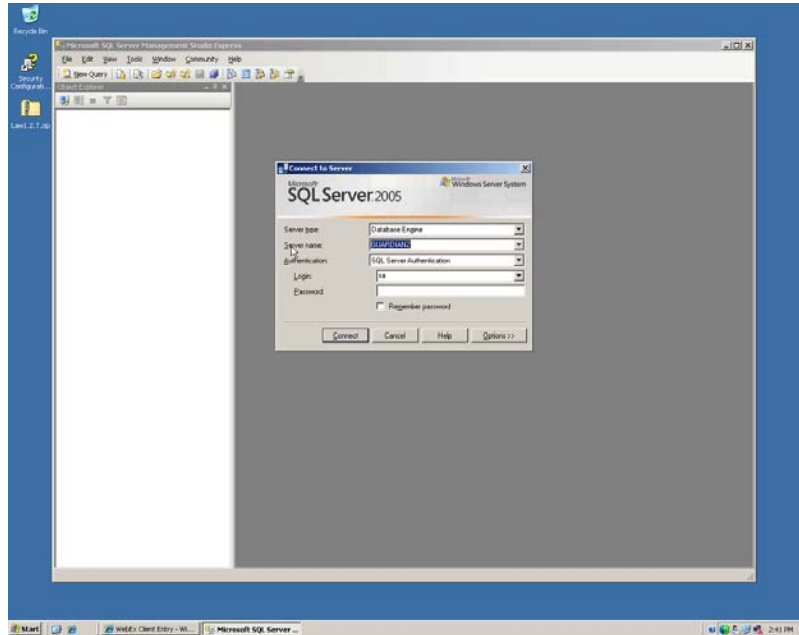
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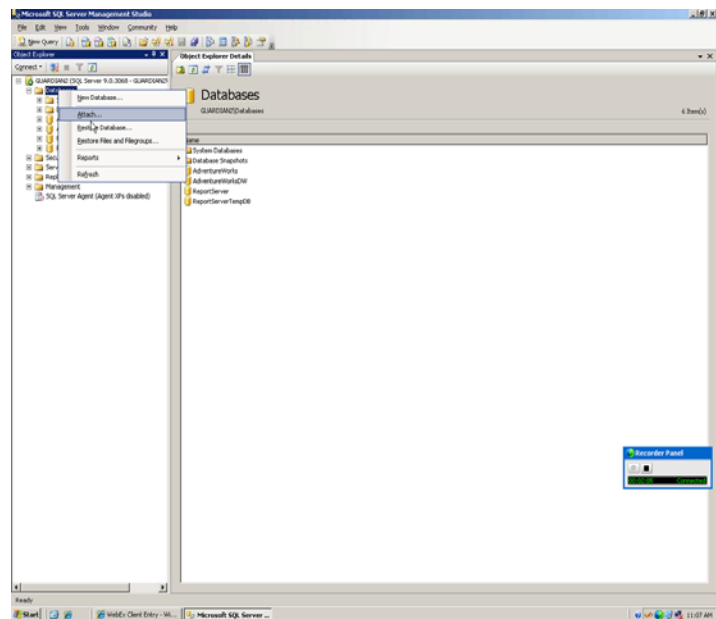


Attach ALL LAW databases to SQL Server Workgroup Edition

1. Login to the SQL Server Management Studio Express.



2. Right click on **Database** and select **Attach** from the menu.

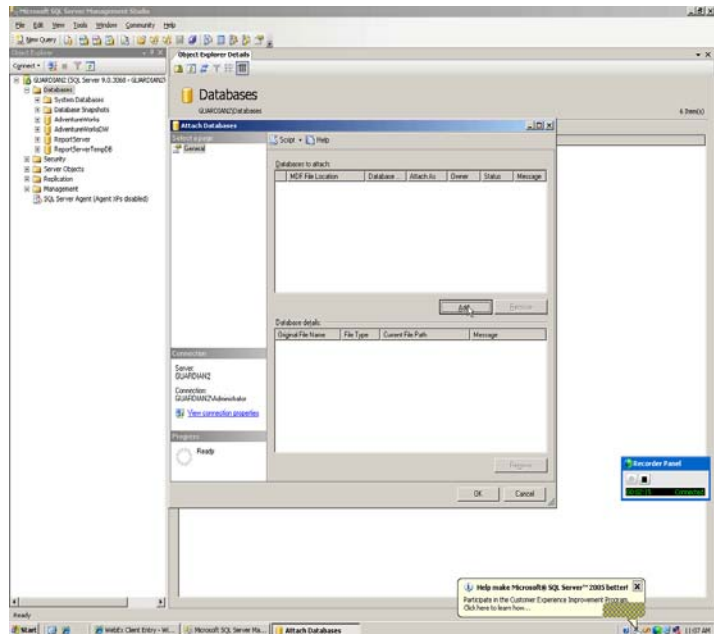


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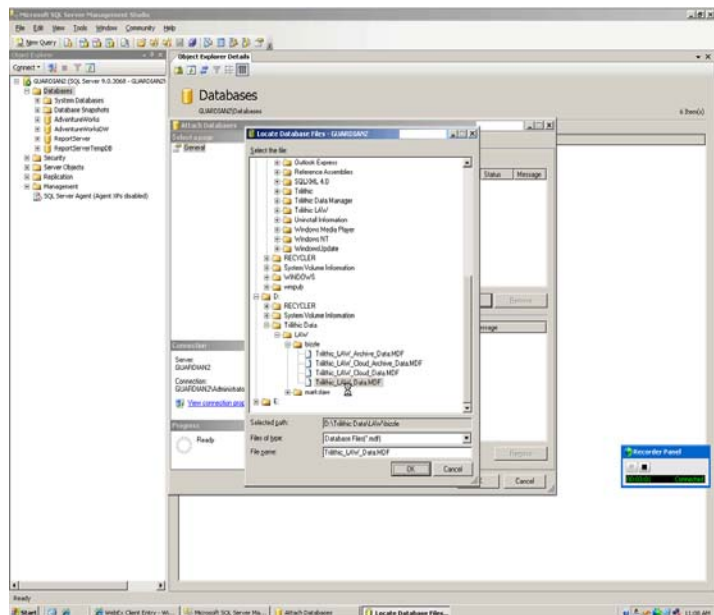
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- The “Attach Database” window will appear, select the **Add** button.



- From the **Locate Database Files** screen, navigate to the following directory; “Trilithic Data\LAW\” and select the name of the database you wish to add.
- Select the **OK** button to finish attaching the selected database.

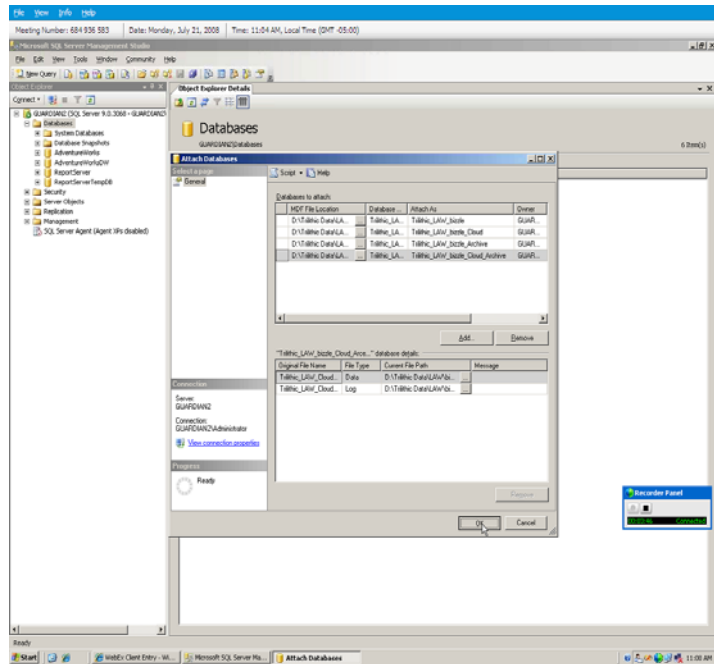


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- Repeat Steps 3 through 5 until all LAW databases are added then select the **OK** button.



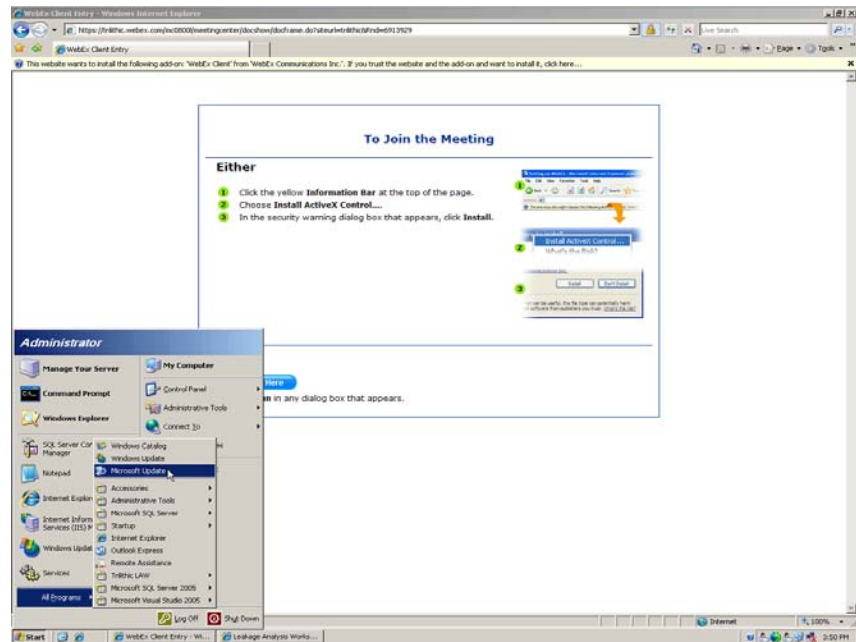
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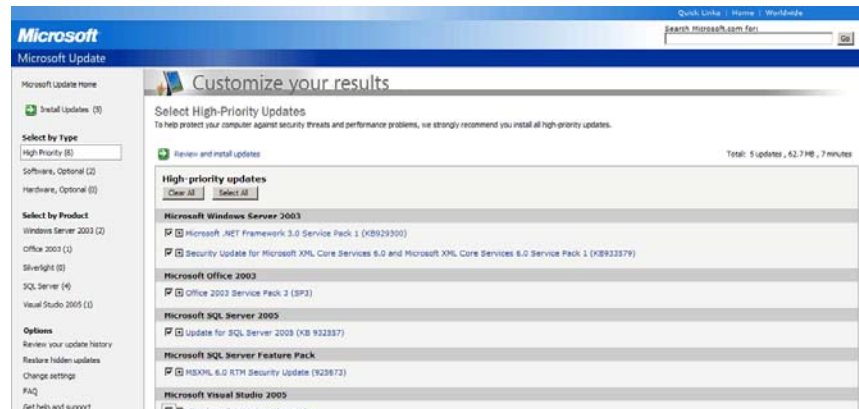


Use Microsoft Update to Apply ALL Service Packs & Upgrades.

1. From the **Start** menu, select the **Microsoft Update** icon.



2. Select the “Review and install updates” link to install all required & optional service packs and upgrades.
3. When updates are complete run Microsoft Update again to verify that all updates and service packs have been installed.



CAUTION: All Microsoft Updates must be completed before you can continue any further with the upgrade process. If you have a problem with an update please consult your IT Professional.

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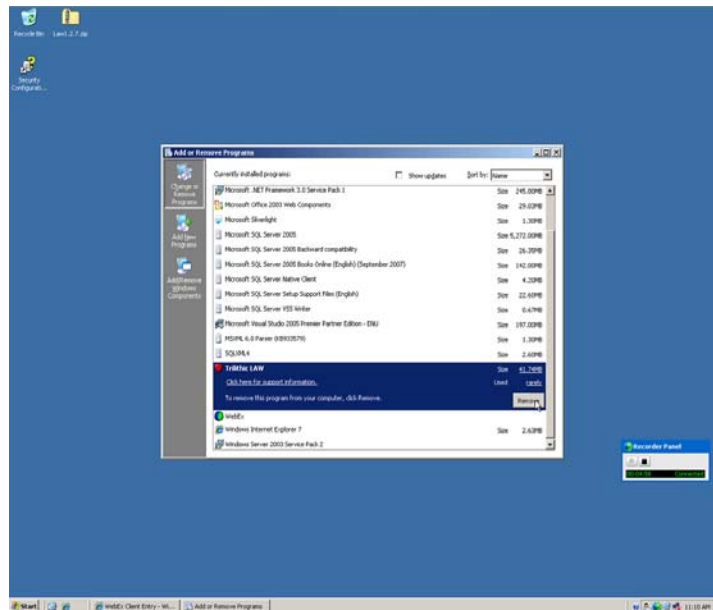
Upgrading the LAW Server Software

If you have SQL Server 2005 Workgroups Edition installed, follow the steps below to upgrade to a new version of the LAW Server Software;

1. Uninstall the previous version of the LAW Server Software
2. Install the new version of the LAW Server Software
3. Update LAW Server Software Instance
4. Confirm LAW Server Software Instance is updated

Uninstall the Previous Version of the LAW Server Software

1. From the **Start** menu, select the **Control Panel** icon.
2. From the **Control Panel** window, select **Add or Remove Programs**.
3. From the **Add or Remove Programs** window, select "Trilithic LAW", and then select the **Remove** button.
4. Perform the steps within the uninstall program to remove the software.
5. Verify that the following directory has been removed; "C:\Program Files\Trilithic LAW\Image", if not delete it manually.



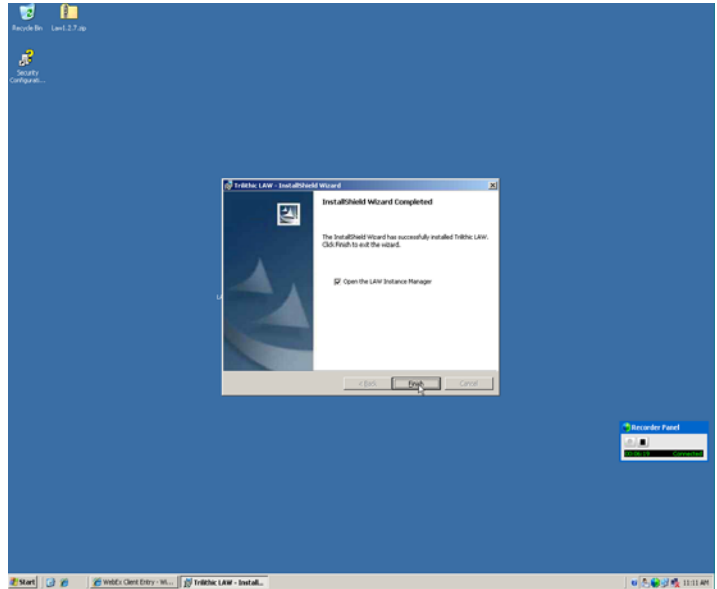
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Install the New Version of the LAW Server Software

1. Insert the LAW Server Software installation CD into your CD-ROM drive.
2. If Auto-Run is enabled, the installation program should start automatically. Otherwise, select the installation program from the CD-ROM directly.
3. Perform the steps within the install program to install the software.



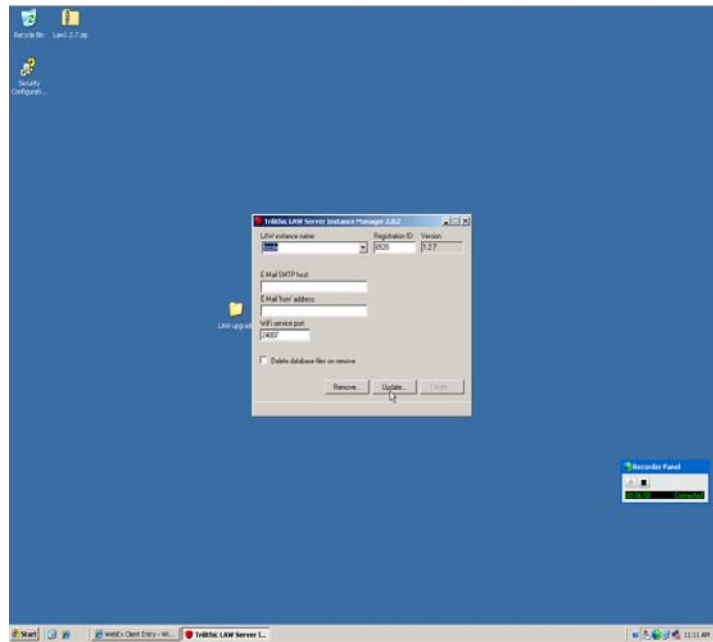
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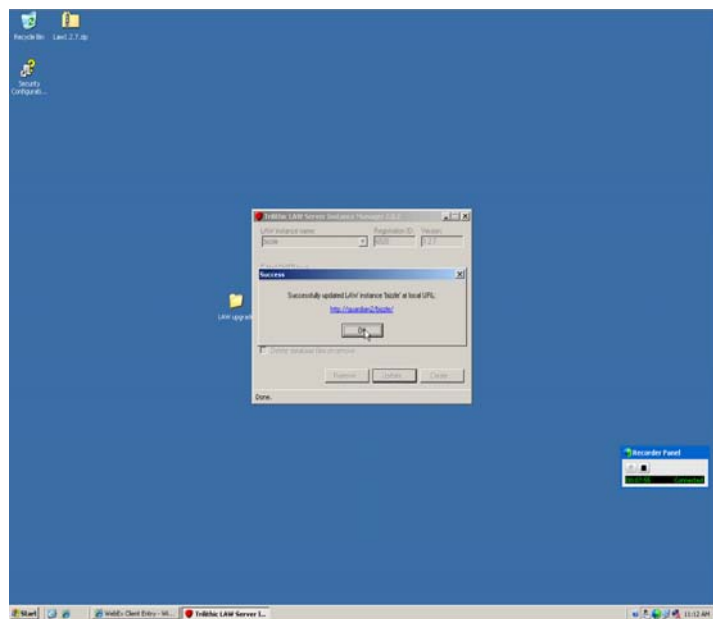


Update the LAW Server Software Instance

1. Start the LAW Server Software Instance Manager.
2. From the "Law instance name" drop-down box, select the instance of LAW that is being upgraded and then select the **Update** button.



3. Once you have successfully updated the LAW Server Software Instance, select the **OK** button.



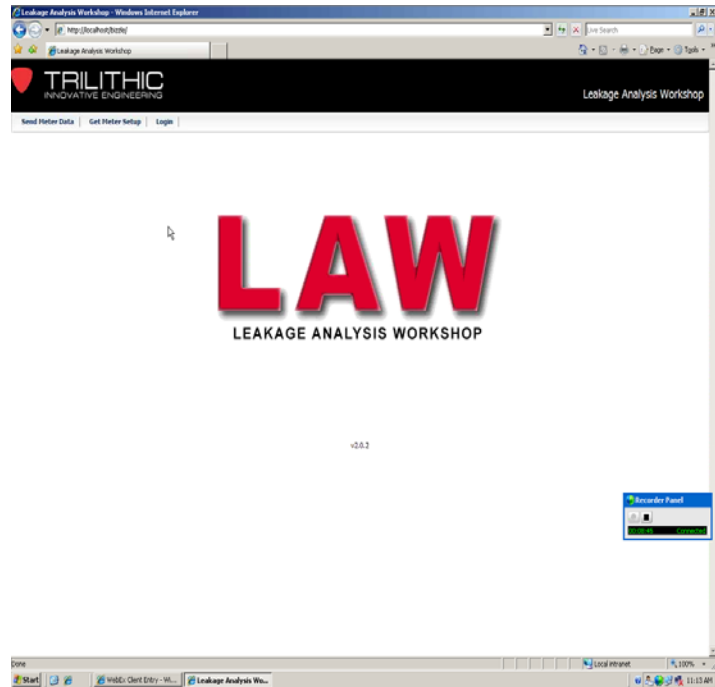
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Confirm the LAW Server Software Instance Is Updated

1. View the LAW website from any computer. A refresh may be necessary the first time.
2. Log into LAW as an Administrator.
3. Use the administration menu to manage users.



4. While in this menu, be sure to select every user account and make any changes as necessary to; allocate the account as a meter user, make community selections, and save each account (even if there are no changes to make).



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