What is License Manager?

Tracking licenses manually on local computers or within a small domain is possible but time-consuming. Tracking licenses (without the assistance of automated tools) across an entire organization or enterprise with multiple domains can be unreasonably difficult, costly, and time-consuming.

License Manager helps to contain these costs by managing and tracking licenses and usage throughout an organization. It makes it easier for a company to comply with legal requirements by automatically replicating licensing data from all primary domain controllers (PDCs) in the organization to a centralized database on a specified master server.

Administrators (those who certify that the company has purchased licenses) can use License Manager to:
- See a centralized view of Per Seat and Per Server licenses across the organization.
- Manage the purchasing or deleting of licenses for products on network servers over which they have administrative rights.
- See usage statistics for each user.
- Balance the licensing replication load across the network.

Notes
- License Manager cannot guarantee compliance with legal licensing requirements. Hardware problems could eliminate or delay the updating of licensing data.
- Licensing replication does not depend on or use the server-replication process.

See Also

Starting License Manager

Master Server

The master server is a server that is designated as the final centralized repository of all licensing data for an organization. It can be either the primary domain controller (PDC) for that domain or a specified enterprise server. An enterprise server is the server to which multiple PDCs in a large organization will replicate.

Per Seat

Per Seat licensing mode requires a Client Access License for each computer that will access a server running Windows NT Server for basic network services (such as file, print, and remote access services). When a computer is licensed, it may access any computer installed on the network running Windows NT Server at no additional charge. **Per Seat** licensing mode is often the most economical one for networks in which clients tend to connect to more than one server.

Per Server

With **Per Server** licensing, each Client Access License is assigned to a particular server and allows one connection to that server for basic network services (such as file, print, and communications). You must have at least as many Client Access Licenses dedicated to that server as the maximum number of client computers that will connect to that server at any time. **Per Server** licensing mode is often the most economical one for networks in which clients tend to connect to only one occasional-use or special-purchase server.

To start License Manager

▶   Click **Start**, point to **Programs**, point to **Administrative Tools**, and then click **License Manager**.

To format the screen in the Products View and Clients (Per Seat) tabs

1 On the **Options** menu, click **Format**.
2 Click a format option.

To select a domain

1 On the **License** menu, click **Select Domain**.

2 In **Domain**, enter the name of the domain that you want to administer.

Note

■   The first time you use this dialog box, there may be some delay while License Manager searches the network for domains.

To refresh the display

▶ On the **View** menu, click **Refresh**.

Note

■ Since most servers replicate at different times, this feature allows you to keep up with changes to the licensing data that might affect purchasing decisions.

See Also

Selecting a Different Domain

To view the properties of a product

1 Click the **Products View** tab.

2 Double-click the product name.

To add a new Client Access License in Per Seat mode

1 On the **License** menu, click **New License**.

2 In **Product**, select the appropriate server product.

3 In **Quantity**, enter the number of licenses purchased.

4 In **Comment**, type a brief comment to aid in identifying the purchase.

   Note
- When you add Client Access Licenses in **Per Seat** mode, you are adding these licenses to a pool of licenses, rather than to specific users. As users access the product, they are assigned a license. When the pool of available licenses is depleted, license violations occur if new users access the product.

To delete a Client Access License in Per Seat mode

1 On the **Products View** tab, select the product for which one or more licenses are to be deleted.

2 On the **License** menu, click **Delete**.

3 In **Quantity**, enter the number of licenses to be deleted.

4 In **Comment**, type a brief comment to aid in identifying the deletion.

To view the properties of a user

1 Click the **Clients (Per Seat)** tab.

2 Double-click the user's name.

See Also

Revoking a User's License

Deleting a User

Upgrading to a BackOffice License

To revoke a user's Client Access License for a product

1 Click the **Products View** tab.

2 Double-click the product for which you are revoking a license.

3 If necessary, click the **Clients (Per Seat)** tab (or the **Products View** tab).

4 Click the user whose license to the product is being revoked, and click **Revoke**.

5 Click **Yes**.

Note
- One reason to revoke a user's license for a product is if the usage statistics show that the user does not access it often enough to warrant this Client Access License in **Per Seat** mode.

See Also

Deleting a Per Seat Client Access License

Viewing User Properties

To delete a user

1 Click the **Clients (Per Seat)** tab, and select the name of the user that you want to delete.

2 On the **License** menu, click **Delete**.

3 Click **Yes**.

To upgrade a user to a BackOffice license or to override an automatic upgrade

▶ Select or click to clear the **Upgrade to BackOffice License** check box.

Notes

▪ When a user accesses three or more server products, the system automatically converts (or upgrades) them to a Microsoft BackOffice Client Access License (if any are available in the pool of licenses) and selects the check box for that option.

▪ An administrator can also upgrade a user at any time, even if they use only one server product.

To create a new license group

1 On the **Options Advanced** menu, click **New License Group**.

2 In **Group Name**, type a short descriptive name.

3 In **Description**, type additional details that will help you identify the group.

4 In **Licenses**, enter the number of licenses needed in the **Per Seat** licensing mode.

5 In **Users**, click **Add**.

6 In **List Users From**, click the appropriate domain.

7 Select the individual users, and then click **Add**.

To edit or view a license group

▶ On the **Options Advanced** menu, click **Edit License Groups**.

To open a license group's Properties screen

1 On the **Options Advanced** menu, click **Edit License Groups**.

2 Select the name of the license group, and then click **Edit**.

See Also

Creating a License Group

Editing License Groups

To change the licensing mode from Per Server to Per Seat

1 Click the **Server Browser** tab.

2 Double-click the domain name.

3 Double-click the appropriate server name.

4 Double-click the appropriate product.

5 In **Licensing Mode**, click **Per Seat**, and then click **OK**.

6 After reading the information in **Licensing**, select the check box to agree to be bound by the license agreements for this product.

To remove a Client Access License in Per Server mode

1 Click the **Server Browser** tab, and then double-click the domain name.

2 Double-click the appropriate server name.

3 Double-click the appropriate product.

4 Click **Remove Licenses.**

5 Click the serial number of the licenses you want to remove, and type a number in **Number of Licenses to remove**.

6 Click **Remove**.

7 Click **Cancel**.

To add a Client Access License in Per Server mode

1 Click the **Server Browser** tab, and then double-click the domain name.

2 Double-click the appropriate server name.

3 Double-click the appropriate product.

4 Click **Add Licenses**.

5 In **Quantity**, type the number of licenses to add.

6 Type a comment in **Comment**, and click **OK**.

7 After reading the information in **Licensing**, select the check box to agree to be bound by the license agreements for this product.

To choose or change the master server for a specific server

1 Click the **Server Browser** tab.

2 Double-click the domain name to display the list of servers in that domain.

3 Select the appropriate server, and then click **Properties** on the **License** menu.

4 Click the **Replication** tab.

5 Click **Domain Controller**.

   Or, click **Enterprise Server**, and type a network name for that server.

See Also

Choosing the Frequency of Licensing Replication

To choose or change the frequency of licensing replication for a specific server

1 Click the **Server Browser** tab.

2 Double-click the domain name.

   A list of servers in that domain appears.

3 Select the appropriate server, and then click **Properties** on the **License** menu.

4 Click the **Replication** tab.

5 Click either **Start At** or **Start Every**, and enter appropriate numbers.

Notes

- The Windows NT Server operating system automatically staggers the start times of different servers that are set to **Start Every**, ensuring a balance of replication traffic across the network.
- If you select **Start At**, you must set different start times for your servers, to ensure that licensing replication is staggered.
- If you select **Start Every**, licensing information may take as much as twice the frequency you set to get to the master server: one interval to get to the primary domain controller and one to replicate up to the master server.

See Also

Choosing the Master Server

Control Menu

The **Control** menu contains the following commands:

Restore

Restores the window to its former size after it has been maximized or minimized.

Move

Enables you to use the keyboard to move the window to another position.

Size

Enables you to use the keyboard to change the size of the window.

Minimize

Reduces the window to an icon.

Maximize

Enlarges the window to its maximum size.

Close

Quits License Manager, or closes a window or dialog box.

Switch To

Opens Task List, which you can use to switch between running applications and to rearrange their windows and icons on your desktop.

New License

Click **New License** to open the **New Client Access License** dialog box, in which you can enter the appropriate information for the purchase of new Client Access Licenses in **Per Seat** licensing mode.

Click the following for information about the dialog box:

▢ Product
▢ Quantity
▢ Comment

Product

Use to select the product that you want.

Quantity

Use to enter the number that corresponds to the number of licenses purchased in the **Per Seat** licensing mode.

Comment

Type a brief comment to aid in identifying the purchase

Delete

Deletes either product licenses or users. If you are in the Products View screen and select a product, clicking **Delete** On the **License** menu opens the **Delete Client Access Licenses** dialog box. If you are in the Clients (**Per Seat**) screen and select a user, clicking **Delete** deletes the user after you confirm that decision.

Delete Client Access Licenses

The **Delete Client Access Licenses** dialog box enables you to specify how many licenses for the selected product are to be deleted and to provide a brief comment regarding the deletion of the Client Access Licenses in the **Per Seat** licensing mode.

Click the following for information about the dialog box:
Quantity
Comment

Quantity

Type or select the number that corresponds to the number of licenses in the **Per Seat** licensing mode that are to be deleted.

Comment

Type a brief comment to aid in identifying the deletion.

Properties

Opens the Properties screen for the selected product, user, or license group.

Select Domain

Enables you to select a new domain to administer.

Exit

Quits License Manager.

Toolbar

Displays or hides the toolbar, which includes buttons for some of the most common commands in License Manager. A check mark next to the Toolbar command means that it is in effect.

Status Bar

Displays or hides the status bar at the bottom of the License Manager window. The status bar shows basic information such as command definitions and where to find Help. A check mark next to the **Status Bar** command means that it is in effect.

Refresh

Updates the active tab view. You may want to update periodically the information shown to stay current with network server activity.

Font

Enables you to change the font, font style, and font size that License Manager uses to display text on the screen. As you make changes, they are reflected in the **Sample** box.

Click the following for information about the dialog box:
▢ Font
▢ Font Style
▢ Size

Font

Select the font that you want to use from this box.

Font Style

Select a style option, such as, bold or italic.

Size

Select a point size; the larger the point size, the larger the character appears on your screen.

Format

Formats the screen to display information in either an icon or list format.

Click the following for information about the formatting options:

▪ Large Icons
▪ Small Icons
▪ List
▪ Details

Large Icons

Select this option to display only the product or user name along with its corresponding icon on top.

Small Icons

Select this option to display only the product or user name along with its corresponding icon to the left of the name in rows.

List

Select this option to display only the product or user name along with its corresponding icon to the left of the name in columns.

Details

Select this option to display the product or user name along with its corresponding icon to the left of the name, as well as all the detailed tracking information, in multiple sizable columns. This is also the default format.

Sort By

Sorts the selected column in all tabs except for the **Server Browser** tab.

Advanced - New License Group

Enables you to create a new license group that relates users to computers.

Click the following for information about the dialog box:
 Group Name
 Description
 Licenses
 Users
 Add
 Delete

Group Name

Use to type a short descriptive name, such as ''Test Lab1.''

Description

Use to type additional details that will help you identify the group, such as ''10-members on Dev Team, 3rd flr.''

Licenses

Use to enter the number that corresponds to the number of licenses in **Per Seat** licensing mode that are needed. For example, if you have four computers in this lab, you need four licenses in **Per Seat** mode.

Users

Shows the users who are to be added to this license group.

Add

Used to select individual users to add to the list for the license group.

Delete

Removes the selected users from the license group.

Advanced - Edit License Groups

Enables you to view all the detailed tracking information on existing license groups, add new groups, delete empty groups, and edit a group's settings information.

Click the following for information about the dialog box:

▪ Add
▪ Delete
▪ Edit

Add

Used to create a new license group.

Delete

Removes a license group from the list (after removing all the members from the license group).

Edit

Used to view and edit the properties of the selected license group.

Add Users

Enables you to create a list of the users in a specific domain who are members of a license group.

Click the following for information about the dialog box:

List Users From
Users
Add
Delete

List Users From

Used to select the appropriate domain.

Users

Used to select users to add to the license group.

Add

Moves selected users to **Add Users** so they can be added to the license group.

Delete

Removes selected names from **Add Users**.

Save Settings on Exit

Saves your customized font settings and the list of most recently accessed domains when you quit License Manager. When you restart License Manager, the fonts and domain list will be the same as when you last quit License Manager.

Contents

Starts Help and displays the topics in License Manager Help.

Search for Help on

Opens the **Index** tabfor Help. You can look up Help information by using keywords on this tab.

How to Use Help

Describes how to use Help.

About License Manager

Displays version and copyright information about License Manager.

View - Purchase History

Displays the main **Purchase History** tab.

View - Products View

Displays the main **Products View** tab.

View - Clients (Per Seat)

Displays the main **Clients (Per Seat)** tab.

View - Server Browser

Displays the **Server Browser** tab.

Product Properties

Click the following for information about the dialog box:

- Clients (Per Seat) Tab
- Purchase History Tab
- Server Browser Tab

Clients (Per Seat) Tab

If the product is licensed in **Per Seat** mode, this tab provides information on which clients in that domain or enterprise have used the product. You can click **Revoke** to revoke a selected user's license for the product.

Purchase History Tab

Shows a historical overview of the licenses purchased for this product. You can use **New** and **Delete** to add or remove Client Access Licenses for this product.

Server Browser Tab

Lists all the domains and servers that have this product installed. You can use **Edit** to add or remove licenses and to set licensing replication information for this server.

User Properties

The **Properties** dialog box for a user has one tab, **Products View**.

License Group Properties

The **Properties** dialog box for license groups has one tab, **Settings**.

Server Properties

The **Properties** dialog box for a server has two tabs: **Products View** and **Replication**.

Choose Licensing Mode

Used to specify the licensing mode (**Per Server** or **Per Seat**) that is appropriate for each server product installed on your computer, and to add or remove Per Server licenses.

If you are unsure which licensing mode to choose, click **Per Server**. The license agreement allows you a one-time, one-way option to change from a **Per Server** licensing mode to a **Per Seat** licensing mode.

Click the following for more information about this dialog box:

◻ Per Server
◻ Add Licenses
◻ Remove Licenses
◻ Per Seat

Note

◻ Client Access Licenses are separate from the desktop operating system software you use to connect to Microsoft server products. Purchasing Microsoft Windows 95, Windows NT Workstation, or any other desktop operating system (such as Macintosh) that connects to Microsoft server products does not constitute a legal license to connect to those Microsoft server products. Client Access Licenses must be purchased in addition to the desktop operating system.

See Also

Frequently Asked Questions Regarding Client Access Licenses

Overview of Microsoft's Licensing Model

Client Access License for Microsoft Server Products

Server License for Microsoft Server Products

Per Server

Specifies the **Per Server** licensing mode.

With **Per Server** licensing, each Client Access License is assigned to a particular server and allows one connection to that server for basic network services (file, print, and communications). You must have at least as many Client Access Licenses dedicated to that server as the maximum number of client computers that will connect to that server at any point in time.

If you select **Per Server**, you must specify the number of Client Access Licenses for concurrent connections that you have purchased for that server. **Per Server** is often more economical for networks in which clients tend to connect to only one occasional-use or special-purpose server.

For more detailed information about the **Per Server** licensing mode, see the Microsoft license agreement in your product package or in this Help file.

Tip
If you are unsure which licensing mode to choose, select **Per Server**. The license agreement allows you a one-time, one-way option to change from **Per Server** licensing mode to **Per Seat** licensing mode.

Per Seat

Specifies **Per Seat** licensing mode.

Per Seat licensing mode requires one Client Access License for each computer that will access a server running Windows NT Server for basic network services (file, print, and communications). Once a computer is licensed, it may access any computer running Windows NT Server on the network at no additional charge. **Per Seat** is often the more economical for networks in which clients tend to connect to more than one server.

For more detailed information about the **Per Seat** licensing mode, see the Microsoft license agreement in your product package or in this online Help file.

Tip

If you are unsure which licensing mode to choose, select **Per Server**. The license agreement allows you a one-time, one-way option to change from **Per Server** licensing mode to **Per Seat** licensing mode.

Add Licenses

Click this to add Per Server licenses for this product.

Remove Licenses

Click this to remove Per Server licenses for this product.

Per Seat Licensing

This dialog box applies to situations where you want each client computer to have its own Client Access License and to be able to access any computer running Windows NT Server on your network at any time

When you select **Per Seat** licensing mode, any number of licensed computers can be used to connect at the same time to any server running Windows NT Server. **Per Seat** is often the more economical for networks in which clients tend to connect to more than one server.

Use this dialog box to indicate that you have read and agree to the license agreement for this server product. If you do not agree to the terms of this license agreement, promptly return this package to the place from which you obtained it for a full refund.

Note

A Client Access License is not included when you acquire Windows NT Workstation or Windows 95. It must be purchased in addition to the operating-system software.

See Also

Frequently Asked Questions Regarding Client Access Licenses

Overview of Microsoft's Licensing Model

Client Access License for Microsoft Server Products

Server License for Microsoft Server Products

Per Server Licensing

This dialog box applies to situations where you want to allow a specified number of users to simultaneously use basic network services (file, print, and communications).

Use this dialog box to indicate that you have read and agree to the license agreement for this server product. If you do not agree to the terms of this license agreement, promptly return this package to the place from which you obtained it for a full refund.

See Also

Frequently Asked Questions Regarding Client Access Licenses

Overview of Microsoft's Licensing Model

Client Access License for Microsoft Server Products

Server License for Microsoft Server Products

Server Licensing

This dialog box applies to situations where a client connected to a server will be using only an application running on that server, such as Microsoft SQL Server or ORACLE Server. Basic network services (file, print, and communications) will not be accessible.

Use this dialog box to indicate that you have read and agree to the license agreement for this server product. If you do not agree to the terms of this license agreement, promptly return this package to the place from which you obtained it for a full refund.

See Also

Frequently Asked Questions Regarding Client Access Licenses

Overview of Microsoft's Licensing Model

Client Access License for Microsoft Server Products

Server License for Microsoft Server Products

License Violation

The change you requested violates the Microsoft license agreement. The license agreement for this product allows you a one-time, one-way option to change from **Per Server** licensing mode to **Per Seat** licensing mode.

See Also

Frequently Asked Questions Regarding Client Access Licenses

Overview of Microsoft's Licensing Model

Client Access License for Microsoft Server Products

Server License for Microsoft Server Products

Overview of Microsoft's Licensing Model

Microsoft server licensing lets you buy exactly what you need to build the networks your business requires. The result is a flexible, cost-effective set of network-based business solutions that leave you plenty of room to grow.

Network solutions generally have two components:

- Servers that contain information and provide services
- Clients that access the information and services

For some server products, the Microsoft licensing program offers a choice of modes: **Per Server** or **Per Seat**. The following list provides a general description of the program.

- The Microsoft licensing model separates Client Access Licenses from the Server License. You can buy only the number of Client Access Licenses you need.
- If you select **Per Seat** mode, you purchase one Client Access License for each computer that will access a server product. If you need to add an additional server for your licensed clients, you buy only another server, not more Client Access Licenses.
- If you select **Per Server** mode, the quantity of Client Access Licenses you purchase is applied to a particular computer running Windows NT Server. That number of clients can then access that server. There is no restriction on who may access the server, only on the number of clients that may access it at any one time.
- You are legally permitted to convert from **Per Server** mode to **Per Seat** mode at no additional cost. This is a one-time, one-way conversion option. It is not necessary for you to notify Microsoft if you elect to make this change.

Important

- You are not legally permitted to change the licensing mode from **Per Seat** to **Per Server**.

See Also

Frequently Asked Questions Regarding Client Access Licenses

Client Access License for Microsoft Server Products

Server License for Microsoft Server Products

Change to Per Server mode

If you make this change, the number of Per Server licenses will be set to 0 unless a license certificate was previously installed for this product in **Per Server** mode.

After you make this change, you may want to remove some Per Seat licenses from the enterprise and install them in **Per Server** mode on this server.

Change to Per Seat mode

If you make this change, the number of Per Server licenses will be set to 0 unless a license certificate was previously installed for this product in **Per Server** mode.

If this server has Per Server licenses installed from a license certificate, be sure to remove these licenses before changing to **Per Seat** mode, so that you can install these licenses on another server or use them for **Per Seat** mode. If you have not removed those Per Server licenses, click **No**, and remove them.

Change Master Server to Enterprise Server

If this server is a master server (such as a primary domain controller), any Per Seat licenses installed on this server will be lost when you change its master server to be an enterprise server.

Before you make this change, remove any Per Seat licenses by connecting to the server's domain, clicking the **Products View** tab, and clicking **Delete** on the **License** menu.

Change Master Server to Domain Controller

If this server is a master server (such as a primary domain controller), any Per Seat licenses installed for its domain currently reside at the enterprise server. Converting this server to a domain controller will remove any Per Seat licenses from its domain.

Before you change this server's master server to be a domain controller, you may want to remove some licenses from the enterprise server. You can then change this server's master server to domain controller, and add the licenses that you removed from the enterprise server.

Change to Different Enterprise Server

If this server is a master server (such as a primary domain controller), any Per Seat licenses installed for its domain reside at the current enterprise server. Changing to a different enterprise server means that this server's domain will start using Per Seat licenses that already exist at the new enterprise server.

Before you change this server's master server to be the new enterprise server, you may want to remove some licenses from the current enterprise server. You can then change this server's master server to be the new server, and add the licenses that you removed from the old enterprise server.

Frequently Asked Questions Regarding Client Access Licenses

Why do I need Client Access Licenses?

A Microsoft Client Access License is a legal document that provides the right for an individual computer to access a particular Microsoft server product. Client Access Licenses are required for compliance with the terms of the licensing agreements for the Microsoft server products. To legally use Microsoft server products, customers must purchase Client Access Licenses for computers.

When are Client Access Licenses needed?

A Client Access License for Microsoft Windows NT Server is required for programs that use the Windows NT Server basic networking services (file, print, and communications). This is true regardless of whether you use Microsoft or third-party programs. For example, you need a Client Access License if you intend to use File and Print Services for NetWare.

This means that you need a Client Access License for each computer that will be accessing the following basic network services:
- File services, for sharing and managing files and disk storage.
- Printing services, for sharing and managing printers.
- Remote access services, for accessing the server from a remote location through a communications link.

Do I need Client Access Licenses if I have Microsoft Windows 95 or Microsoft Windows NT Workstation?

Yes. Client Access Licenses are separate from the desktop operating system software you use to connect to Microsoft server products. Purchasing Microsoft Windows 95, Windows NT Workstation, or any other desktop operating system (such as Macintosh) that connects to Microsoft server products does not constitute a legal license to connect to those Microsoft server products. In addition to the desktop operating system, Client Access Licenses must also be purchased.

When should I use the Per Server vs. the Per Seat licensing mode?

The following examples are designed to help clarify the situations under which you would use each of the two licensing modes for Client Access Licenses.

Example One

A company uses Windows NT Server software for file and print services. The company has three servers and 100 employees. All the employees log on to a ''home'' server and, normally, access one additional server during the day.

If the **Per Seat** licensing mode is selected, the company would purchase 100 Client Access Licenses, and the employees could access all the servers. If the **Per Server** licensing mode is selected, the company would have to determine the maximum number of concurrent connections to any one server to guarantee access for all users. Depending on the demand, this might require them to purchase more than 100 Client Access Licenses.

For example, if 33 employees use only one home server and, on average, 20 other employees normally connect to an additional server, then the maximum number of concurrent connections for each server might be 53. That would require the purchase of 159 Client Access Licenses or 53 for each of the three servers. In general, **Per Seat** is the most economical one to choose when the use of a server is pervasive or when guaranteed access is needed to services, such as file and print, or business-critical applications.

Example Two

A company is planning to use Windows NT Server software for remote-access services. The company has 200 employees but anticipates that only 50 employees will dial in at any one time.

In this case, the company should license Windows NT Server in **Per Server** mode and purchase 50 Client Access Licenses for that server. **Per Server** is the most economical for occasional-use servers, such as when a great number of clients will access a server only on an occasional basis, or for special-use servers, such as those running Remote Access Service, Internet servers, or bulletin-board servers.

Example Three

In contrast with example two, when the number of Client Access Licenses in **Per Server** mode approaches or is greater than the total number of clients in an organization, then switching to **Per Seat** mode becomes more cost effective.

For example, consider a company with a total of 200 workstations and four computers running Windows NT Server. If the company purchases 50 Client Access Licenses for each server (for a total of 200 Client Access Licenses) in **Per Server** mode, they should switch to **Per Seat** mode on all the servers to reduce administrative costs and guarantee access to services, such as file and print, or business-critical applications.

What if I am still unsure which licensing mode to use?

If you are unsure which licensing mode to choose, select **Per Server**. The license agreement allows you a one-time, one-way option to change from **Per Server** to **Per Seat** licensing mode.

See Also

Overview of Microsoft's Licensing Model

Client Access License for Microsoft Server Products

Server License for Microsoft Server Products

MICROSOFT LICENSE AGREEMENT

CLIENT ACCESS LICENSE FOR MICROSOFT SERVER PRODUCTS

IMPORTANT -- READ CAREFULLY BEFORE ACCESSING MICROSOFT SERVER SOFTWARE: By accessing or otherwise utilizing the services of the Microsoft server software listed above ("Server Software"), you agree to be bound by the terms of this license agreement ("Client Access License"). If you do not agree to the terms of this Client Access License, promptly return this package to the place from which you obtained it for a full refund.

MICROSOFT SOFTWARE LICENSE

1. GRANT OF LICENSE.

(a) Overview of the Use of the Client Access License. This Client Access License describes your rights to access or otherwise utilize the services of the Server Software. A single computer running the Server Software shall be referred to as the ''Server.'' The services of the Server are considered to be accessed or utilized when there is a direct or indirect connection between a computer or workstation and a Server. This Client Access License must be dedicated to one unique computer or workstation. It permits that computer or workstation to access or otherwise utilize the services of any Server. This is known as using the Server Software in ''Per Seat Mode.'' However, you may elect to use the Server Software for Microsoft SQL Server, Windows NT Server, Microsoft Exchange Server, or SNA Server (but not Microsoft BackOffice or Systems Management Server) in ''Per Server Mode'' as defined below. If you choose Per Seat Mode, your choice is permanent. If you initially choose Per Server Mode, you have the right to change *one time only* to Per Seat Mode, as long as you acquire a Client Access License for each unique workstation or computer accessing or otherwise utilizing the services of the Server.

(b) Alternate Terms if you elect to use the Client Access Licenses for Microsoft SQL Server, Windows NT Server, Microsoft Exchange Server, or SNA Server in the Per Server Mode. In *Per Server Mode*, you must acquire the number of Client Access Licenses equal to the maximum number of computers or workstations that will access or otherwise utilize the services of that Server at any given point in time. If you elect to change from Per Server Mode to Per Seat Mode, you may transfer any Client Access Licenses you acquired for use in Per Server Mode to an equal number of workstations or computers for use in Per Seat Mode.

(c) <u>Note Regarding the use of the Client Access License for Microsoft BackOffice</u>. The Client Access License for Microsoft BackOffice may only be used in the Per Seat Mode. Each Client Access License in the Per Seat Mode entitles you to access or utilize the services of any computer running any Microsoft BackOffice Server Software, whether licensed as part of the BackOffice product suite or acquired separately.

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You may not reverse engineer, decompile, or disassemble the Server Software or any Microsoft Client Software used to access or otherwise utilize the services of the Server, except and only to the extent such activity is expressly permitted by applicable law notwithstanding this limitation.

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AUCUNE AUTRE GARANTIE-- MICROSOFT DESAVOUE TOUTE AUTRE GARANTIE, EXPRESSE OU IMPLICITE, Y COMPRIS MAIS NE SE LIMITANT PAS AUX GARANTIES IMPLICITES DU CARACTERE ADEQUAT POUR LA COMMERCIALISATION OU UN USAGE PARTICULIER EN CE QUI

CONCERNE LE LOGICIEL, LE(S) MANUEL(S) DE PRODUITS, LA DOCUMENTATION ECRITE ET TOUT MATERIEL QUI L'ACCOMPAGNENT. CETTE GARANTIE LIMITEE VOUS ACCORDE DES DROITS JURIDIQUES SPECIFIQUES.

PAS D'OBLIGATION POUR LES DOMMAGES INDIRECTS—**MICROSOFT OU SES FOURNISSEURS N'AURONT D'OBLIGATION EN AUCUNE CIRCONSTANCE POUR TOUT AUTRE DOMMAGE QUEL QU'IL SOIT (Y COMPRIS, SANS LIMITATION, LES DOMMAGES ENTRAINES PAR LA PERTE DE BENEFICES, L'INTERRUPTION DES AFFAIRES, LA PERTE D'INFORMATION COMMERCIALE OU TOUTE AUTRE PERTE PECUNIAIRE) DECOULANT DE L'UTILISATION OU DE L'IMPOSSIBILITE D'UTILISATION DE CE PRODUIT MICROSOFT, ET CE, MEME SI MICROSOFT A ETE AVISE DE LA POSSIBILITE DE TELS DOMMAGES. EN TOUT CAS, LA SEULE OBLIGATION DE MICROSOFT EN VERTU DE TOUTE DISPOSITION DE CETTE CONVENTION SE LIMITERA AU MONTANT EN FAIT PAYE PAR VOUS POUR LE LOGICIEL.**

La présente Convention est régie par les lois de la province d'Ontario, Canada. Chacune des parties à la présente reconnaît irrévocablement la compétence des tribunaux de la province d'Ontario et consent à instituer tout litige qui pourrait découler de la présente auprès des tribunaux situés dans le district judiciaire de York, province d'Ontario.

Au cas où vous auriez des questions concernant cette licence ou que vous désiriez vous mettre en rapport avec Microsoft pour quelque raison que ce soit, veuillez contacter la succursale Microsoft desservant votre pays, dont l'adresse est fournie dans ce produit, ou écrire à : Microsoft Sales Information Center, One Microsoft Way, Redmond, Washington 98052-6399.