ACT Enterprise 2.7

Installation Guide

VANDERBILT

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1 Installing ACT Enterprise

ACT Enterprise is installed in two steps:

- **Step 1: Install ACT Enterprise on the Server.** Run the installation program, which will install ACT Enterprise Server and create a shared folder with installation files for the client software. For more information, see *Installing the Server Software* on page 7.

- **Step 2: Install ACT Enterprise Client Software on Each Client PC.** From the client PC, browse to the shared folder on the ACT Enterprise Server and run SetupClient.exe. For more information, see *Installing the Client Software* on page 9.

> If an older version of ACT Enterprise or ACTWin is detected on your machine, you are prompted to uninstall it during the installation procedure.

1.1 Before you start

This section describes the following:

1.1.1 Prerequisites for the ACT Enterprise Server

- ACT Enterprise will operate with 32bit or 64bit versions of:

  - SQL Server 2005 or later

    or

  - SQL Express 2005 or later

    or

    SQL Compact

  See *About the ACT Enterprise database* on the next page for more information.

- If you intend to use Microsoft SQL Server:

  - SQL Server should be pre-installed on your network.

  - The Windows Local System Account on ACT Enterprise Server must have sufficient rights to run a Windows Service.

  - (Network) Printers that will be used by ACT Enterprise Server must be accessible by the Local System Account of the Server.

  - The user/Windows Local System Account on ACT Enterprise Server must have full access rights to the folder *C:\ProgramData\Access Control Technology\ACT Enterprise*.

  - The SQL Server user account must have sufficient rights to be able to create/read/update a database and to create/read/update/delete tables. See *About the ACT Enterprise database* on the next page for more information.

- The user account used to run the ACT Enterprise installation must have sufficient rights to create a network share on the public folder *C:\Program Files\Access Control Technology\ACT Enterprise\Publish*. This share must be accessible to all users running ACT Enterprise Clients.

- If reinstalling ACT Enterprise, the ACT Enterprise service will be stopped and the ACT Enterprise software uninstalled. ACT Enterprise clients will not be able to connect while the service is stopped. We recommend that you schedule any re-installs and alert your users before proceeding, especially on large sites.

- ACT Enterprise Server and Client PCs must be in the same domain or workgroup to work straight out of the box (with encrypted communication).

1.1.1.1 Upgrading from ACTWin

During installation, ACT Enterprise can migrate databases compatible with ACTWin 2.8 and later. If you are upgrading to ACT Enterprise from an earlier version of ACTWin, you must upgrade to ACTWin 2.8 first. Then use the ACT Enterprise JetToSQLMigration tool to migrate your ACTWin database to SQL Compact or SQL Server. The JetToSQLMigration tool will detect your ACTWin database if it exists on the same PC.

1.1.2 About the ACT Enterprise clients

The following clients allow users to configure and manage ACT Enterprise from the ACT Enterprise server or any connected laptop/PC:

- ACT Install is used by the security installer to install, configure and manage the technical components of the system.

- ACT Manage is used by the administrator to manage users' access.

- ACT Monitor is used by the security guard, for example, to monitor the system.

- ACT ServerClient is used by the security installer or IT staff to manage the IT and database portion of the installation.

Refer to the online help or user guide for each client for more information.

1.1.3 About the ACT Enterprise database

ACT Enterprise can store data in a **Local file database** or a **SQL Database**. You are prompted to chose which to use during the installation.

- **Local file database** – ACT Enterprise will use SQL Compact – a file-based, low-impact alternative to SQL Server. SQL Compact processes queries identically to SQL Server and SQL Express. However, there is an upper limit of 2GB on SDF files supported by ACT Enterprise. If your database grows larger, you can migrate your database to SQL Server using the JetToSQLMigration tool. When using SQL Compact, a database file called ActEnterprise.sdf is created in the following folder on the ACT Enterprise server: C:\ProgramData\Access Control Technology\ACT Enterprise\Database. Vanderbilt highly recommend using the local database for smaller systems (typically up to 100 doors and/or 1000 users).

- **SQL database** – ACT Enterprise will use a SQL Express or SQL Server database. You are prompted to select an existing database or to create a new database during installation. When the **Select Database** screen displays, select the **Server** and **User Authentication** method, then:

- To create a new database, enter a suitable database name in the **Database** field and click **Create**.

- To use an existing database, select it from the **Database** drop-down list. If the required database instance does not appear, you can enter it manually in the **Server** field. If you are prompted to upgrade the database, click **Backup** to backup your existing database, then click **Update** to update to the latest database version.

> ℹ️ By default, ACT Enterprise Server runs under the Local System account of the PC it is installed under. That account must have sufficient read/write permissions for the SQL Server instance. If it does not, change the user account under which ACT Enterprise Server runs to one with sufficient permissions.

1.1.4 About ACT Enterprise client install locations

Client software is installed from a shared folder on the server to a special system folder on the user's PC. Which of the three special system folders is used is determined by your selection here, and the same folder will be used on every user PC.

Options are:

- **Common Application Data**: Select this option to install client software to a common directory for application-specific data that is used by all users. (This is the default.)

- **Local Application Data**: Select this option to install client software to a directory that serves as a common repository for application-specific data that is used by the current, non-roaming user. You should *only* select this option if roaming profiles are *not* used in your organisation.

- **Application Data**: Select this option to install client software to a directory that serves as a common repository for application-specific data for the current roaming user. A roaming user works on more than one computer on a network. A roaming user's profile is kept on a network server and is loaded onto a client computer when the user logs on.

1.1.5 About registration options

ACT Enterprise Lite users do not need to register.

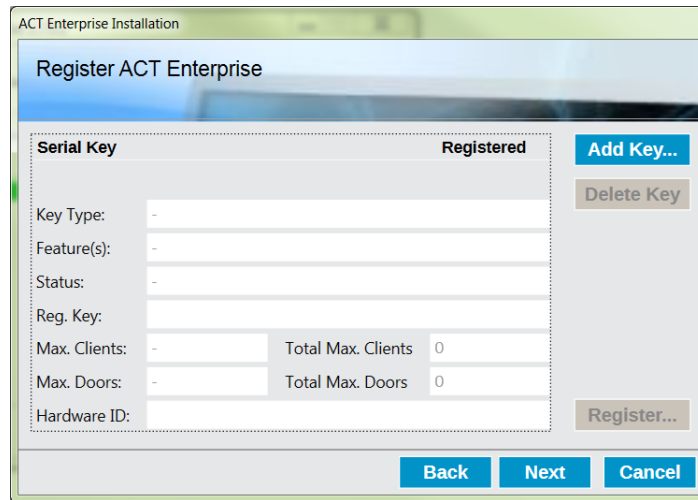ACT Enterprise pro users have four registration options:

- **Automatically over the internet:** Enter the required information and click **Register…** to automatically obtain a registration key.

- **Over the phone:** Phone the number shown, provide your serial key and hardware ID when prompted, take note of the registration key provided, click **Next**, enter your registration key on the **Entering Registration Key** screen and click **Register…**.

- **Via email:** Mail the address shown with the specified details. When you receive an email with the registration key, click **Next**, enter your registration key on the **Entering Registration Key** screen and click **Register…**.

- **I have a registration key already.** Enter your registration key on the **Entering Registration Key** screen and click **Register…**.

1.2 Installing the Server Software

1. Run setup.exe on the machine that will function as the access control ACT server for your organisation.

2. The **License Agreement** screen shows the ACT Enterprise license agreement.

   If you agree to the terms of the license agreement, select the **I accept the agreement** option and click **Next**.

3. The **Select your database location** screen prompts you to select where your ACT Enterprise database will be stored.

   Select **Local file database** or **SQL Database** and click **Next**.

   See *About the ACT Enterprise database* on page 5.

4. The **Choose Clients Install Location** screen prompts you to select where client software should be installed on user PCs. See *About ACT Enterprise client install locations* on the previous page for more information.

   Select the folder to be used when installing client software on user PCs and click **Next**.

5. The **Select Destination Location** screen prompts you to specify the installation folder for ACT Enterprise.

   Select an installation location and click **Next**.

6. The **Select Start Menu Folder** screen prompts you to specify where setup should place program shortcuts.

   Select an installation location and click **Next** to proceed.

7. The **Select Additional Tasks** screen prompts you to select additional tasks the installer should perform.

   Select any additional tasks and click **Next** to proceed.

8. The **Ready to Install** screen prompts you to review your installation preferences and perform the install.

   Click **Install** to install ACT Enterprise using the displayed settings.

   Installation progress is displayed on screen.

9. When the server software is installed, the **Reading system information** screen displays, and shows information about your installation.

   Click **Next**.

10. If you selected to use a **SQL Database**, configure the database that you will use to store ACT Enterprise data, then click **Next**. See *About the ACT Enterprise database* on page 5.

11. The **Register ACT Enterprise** screen displays, and prompts you to register your software. To register you will need both a serial key and a registration key.

To enter the serial key:

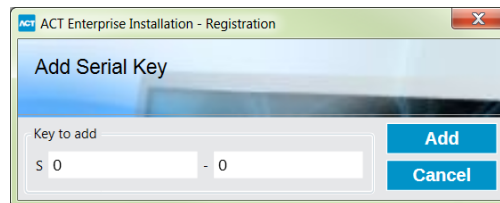a. Click **Add Key...** to open the **Add Serial Key** screen.

b. Enter the key and click **Add**.

To obtain/enter a registration key:

a. Click **Register...** to open the **Register ACT Enterprise** screen.

b. Select the registration option you want to use and click **Next**.

Click **Next** on the **Register ACT Enterprise** screen to proceed.

12. The **Install Finalisation** screen shows the location of the SetupClients.exe that should be used to install ACT Enterprise client software on user PCs.

Take note of the location, then click **Next** to complete the installation.

13. You are prompted to:

- Launch the ACT Enterprise clients setup to install ACT Enterprise client software on the server. See *Installing the Client Software* on the next page for more information.

- Launch the ACT Enterprise ServerClient.

Select the check box for each required option and click **Finish**.

1.3 Installing the Client Software

The location of the client software installer was shown on the **Install Finalisation** screen when you installed ACT Enterprise, and is also shown on the **Live System** screen in ACT ServerClient.

To install ACT Enterprise clients:

1. Run SetupClients.exe from the shared folder on the ACT Enterprise server to run the client installer.

2. The **Select Start Menu Folder** screen prompts you to specify where setup should place program shortcuts.

   Select an installation location and click **Next** to proceed.

3. The **Select Additional Tasks** screen prompts you to select additional tasks the installer should perform.

   Select any additional tasks and click **Next** to proceed.

4. The **Ready to Install** screen prompts you to review your installation preferences and perform the install.

   Click **Install** to install the ACT Enterprise clients using the displayed settings.

   Installation progress is displayed on screen.

5. You are prompted to launch the ACT Manage and ACT Install clients.

   Select the check box for each required option and click **Finish**.

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