

ACT Enterprise Installation Guide



Access Control Technology

ACT specialises in the design and creation of superior quality access control hardware and software products. Combining reliability and quality with engineering expertise and innovation, the ACT product portfolio has a functionality that is user friendly, effective and well developed in line with the demands of the market.

Document Notices

This manual refers to ACT Enterprise version 1.0 and above. Access Control Technology Ltd. reserve the right to change the contents of this manual and the system it applies to without prior notice.

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Contact Information

If you have any queries on our products and services, please use the contact points below:

General: +353 1 466 2570 UK Lo-call number: 0845 300 5204
General Enquiries: act.general Customer Support: act.techsupport
Sales enquiries: <u>sales@accesscontrol.ie</u> General enquiries: <u>info@accesscontrol.ie</u> Customer Support: <u>tech@accesscontrol.ie</u>
Access Control Technology Unit C1 South City Business Centre, Tallaght, Dublin 24, Ireland



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1 Installation Prerequisites

- Microsoft SQL Server must be pre-installed on your network.
- The user account used to access SQL must have sufficient privileges to create a database and tables. For normal operation, read/write access is sufficient.
- ACT Enterprise will operate with 32bit or 64bit versions of:
 - SQL Server 2005, 2008 and 2012

or

- SQL Express 2005, 2008 and 2012
- If upgrading from ACTWin, the database must be in SQL format. To upgrade a .JET (MS Access format) database to SQL, use ACTWin 2.8.
- If reinstalling ACT Enterprise, stop the "ACT Enterprise Service" and uninstall the ACT Enterprise software first.



2 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 <u>Installing the Server Software</u> (see page 5).
- 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 <u>Installing the Client Software</u> (see page 19).

2.1 Installing the Server Software

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

🛃 ACT Enterprise
Welcome to the ACT Enterprise Setup Wizard
The installer will guide you through the steps required to install ACT Enterprise on your computer.
WARNING: This computer program is protected by copyright law and international treaties.
Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel < Back Next >

The "Welcome to the ACT Enterprise Setup Wizard" screen appears.

Click **Next** to proceed.



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

Read the license agreement carefully.

If you agree, select the "*I Agree*" option and click **Next** to begin the installation.

If you do not agree to the license agreement, the **Next** button is not enabled and you will not be able to install the software.

B ACT Enterprise		
License Agreement		
Diagon take a suprant to used the line		ha kama kalam aliak ''
Agree", then "Next". Otherwise click	ense agreement now. If you accept t "Cancel".	ne terms delow, click 1
*** COPYRIGHTS ***		
Copyright 2013 Access Control Te	echnology ("A.C.T.") All Rights Rese	rved.
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You are granted a limited license i only in accordance with the terms	to use this software. The software n s of that license, which is described in	nay be used or copied 🛒
🔘 I Do Not Agree	I Agree	
	Cancel < Bac	k Next >



3. The "Select Installation Folder" screen allows you to specify the installation folder for ACT Enterprise.

The installer suggests a default folder.

To change this, click **Browse...** and select a different folder.

븅 ACT Enterprise	- • •
Select Installation Folder	
The installer will install ACT Enterprise to the following folder.	
To install in this folder, click "Next". To install to a different folder, enter it below	or click "Browse".
Eolder: C:\Program Files (x86)\Access Control Technology\ACT Enterprise\	Browse Disk Cost
Cancel < Back	Next >

Note: You can review the space available on different disks connected to the computer before deciding where to install the server software. To do this, click **Disk Cost...**, review the information provided in the popup window, and click **OK** to return to the installer when you are ready to proceed.

ACT Enterprise Disk Space					
available and required disk space.					
Volume	Disk Size	Available	Required	Difference	
🖃 C:	449GB	256GB	519MB	256GB	
🖃 D:	16GB	2409MB	0KB	2409MB	
🖃 F:	7624MB	7318MB	OKB	7318MB	
<u> </u>					
				ОК	

When you have finished selecting an installation location, click **Next** to proceed.

4. The "Confirm Installation" screen indicates that the installer is ready to install the software according to your specified settings.

ACT Enterprise
Confirm Installation
The installer is ready to install ACT Enterprise on your computer.
Click "Next" to start the installation.
Cancel < Back Next >

Click **Next** to proceed.



5. The *"Installing ACT Enterprise"* screen shows a progress bar to indicate the installation is progressing.

😸 ACT Enterprise			- • •
Installing ACT Enterpris	е		
-		-	
ACT Enterprise is being installed.			
Please wait			
	Cancel	< Back	Next >



6. The installation program lists the SQL instances it detects on the *"Reading System Information"* screen.

If it detects more than one, select the one you want to use, then click Next.

ACT Enterprise Installation - Reading System Information
Reading system information
Read ACT Enterprise installation
JUNIOR
Next



- 7. Next, the installer must determine which ACT Enterprise database to use. There are three possibilities here:
 - A: Create a new database for a new installation.

If neither ACTWin nor ACT Enterprise was previously installed, the "Select Database" screen appears.

ACT Enterpris	e Installation - Select Database				
Select Da	Select Database				
Please ente Servers.	er the name of your SQL Server or click on the dropdown icon to display all available SQL				
Server	JUNIOR\sqlexpress				
User Auti Winda SQL S	nentication ows Default erver				
Please sele	ct or create database				
Database	test Refresh Create				
test, Versio 2 Controlle	n 16, 03/09/2012 1:14:31 PM r(s), 32 Door(s), 0 I/O module(s), 1 User(s), 30 LogEvents				
Data Sour	ce=JUNIOR\sqlexpress;Initial Catalog=test;Integrated Security=True				
	Next				

Select the Server and User Authentication method.

Enter a suitable database name in the *Database* field and click **Create**, then click **Next** to proceed.

Notes:

- If the required database instance does not appear, you can enter it manually in the *Server* field.
- To use an existing database, select it from the *Database* dropdown list.

If a database upgrade is required, you are prompted.



ACT Enterprise Insta	allation - Update Database	
Update Dat	abase	_
Setup has detected	d that a database update is required.	
Data source	JUNIOR\sqlexpress	
Database	test	
Version	16	
Required Version	16 i	
Backup Path	C:\ProgramData\Access Control Technology\ACT Enterprise\Backup	
Backup	Update	Next

Click **Backup** to backup your existing database, then click **Update** to update to the latest database version, and finally click **Next** to proceed.

• B: Upgrade ACTWin 2.6 (or later) database.

ACT Enterpris	e Installation - Select Database				
Select Da	Select Database				
Please ente Servers.	er the name of your SQL Server or click on the dropdown icon to display all available SQL				
Server	JUNIOR\sqlexpress Refresh				
User Autl ◎ Winda ○ SQL S	hentication ows Default erver				
Please sele Database	ct or create database				
test, Versio 2 Controlle	n 16, 03/09/2012 1:14:31 PM r(s), 32 Door(s), 0 I/O module(s), 1 User(s), 30 LogEvents				
Data Sour	ce=JUNIOR\sqlexpress;Initial Catalog=test;Integrated Security=True				
	Next				

Select the Server and User Authentication method.



Select the databased from the *Database* drop-down list, then click **Next** to proceed.

If ACTWin was previously installed on the machine, the *"First Time - Database Migration"* screen prompts you to select an existing ACTWin database to import, or to create/select a different SQL database.

ACT Enterprise Installation					
First Time - D	First Time - Database Migration				
		-			
ACTWin has been dete	ected on this PC.				
ACTWin Pro	2.8.6				
Active database		•			
Database Connection	Database Connection Provider=SQLOLEDB.1;Integrated Security=SSPI;Data Source=JUNIOR\sqlexpress;Initial Catalog=Catalog				
Import existing A	CTWin database.				
\bigcirc I want to create a	\bigcirc I want to create a new or select a different SQL database.				
Uninstall ACTWin					
		Next			

You can optionally select to uninstall ACTWin at this point by selecting the *Uninstall ACTWin* check box.

• C: Connecting to an existing ACT Enterprise database.

If ACT Enterprise was previously installed on the machine, the installer detects the previous database information and automatically uses the existing database. Ensure the old version of ACT Enterprise is uninstalled.



8. When the server software is installed, the *"Register ACT Enterprise"* screen appears, and prompts you to register your software. To register you will need both a serial key and a registration key.

ACT Enterprise In	istallation - Registration	
Register A	CT Enterprise	
		-
Serial Key	Registered	Add Key
		Delete Key
Key Type:	-	
Feature(s):	-	
Status:	-	
Reg. Key:		
Max. Clients:	-	
Max. Doors:	-	
Hardware ID:		Register
		Next

To enter the serial key:

- 1. Click **Add Key...** to open the *Add Serial Key* screen, where you can enter the serial key for your installation.
- 2. Enter the key and click **Add**.

ACT Enterprise Installation	- Registration	
Add Serial Key		
Key to add		Add
S 0	- 0	Cancel

To obtain/enter a registration key:

1. Click Register....

The "Register ACT Enterprise" screen appears.

ACT Enterprise Installation - Registration	
Register ACT Enterprise	
Please select how you would like to get Registration Key:	
O Automatically over the Internet	
Over the phone	
🔘 Via email	
I have a Registration Key already	
Cancel	Next

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

There are four 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...**.

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



9. The "Choose Clients Install Location" screen prompts you to select where client software should be installed on user PCs.

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.

Select Client Installation Folder
Choose Clients Install Location
Client Setup will install all clients in the following local folder on all user PCs. To install to a different folder, dropdown combobox and select another folder. Click Next to proceed to next step of installation. Please consider that the client setup folder has to be persistent on user PC.
Destination Folder
Common Application Data
The directory that serves as a common repository for application-specific data that is used by all users. This is the recommended setting for most customers.
Next

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.



Once you have selected the special folder to be used when installing client software on user PCs, click **Next**.

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

The default location is: \\<server name here>\ACTPublish\SetupClients.exe

You should take note of the location, then click **Next** to complete the installation.

ACT Enterprise Installation - Install Finalisation		
Install Finalisation		
Installing ACT Enterprise is nearly finished. Please start SetupClients on every client PC to install/update the ACT Enterprise Clients after finishing this update or install it by using the following link.		
\\JUNIOR\ACTPublish\SetupClients.exe		
Next		

11. The *"Installation Complete"* screen confirms that the ACT Enterprise software was installed. Click **Close**.

HACT Enterprise
Installation Complete
ACT Enterprise has been successfully installed.
Click "Close" to exit.
Please use Windows Update to check for any critical updates to the .NET Framework.
Cancel < Back Close



2.2 Installing the Client Software

To install ACT Enterprise client software *on the server*.

1. Run SetupClients.exe from Start Menu - Programs - Access Control Technology - ACT Enterprise.

ACT Install, ACT Manage, ACT Monitor and ACT Server are installed into the application data folder selected when the server software was installed, and the program icons are placed on the desktop.

To install ACT Enterprise clients on each user's PC:

1. Browse to **SetupClients.exe** in the shared folder on the ACT Enterprise server.

The location of the client software installer was shown on the *"Install Finalisation"* screen when you installed ACT Enterprise. The default location is: **\\<server name here>\ACTPublish\SetupClients.exe**

2. Double-click **SetupClients.exe** to run the client installer.

ACT Install, ACT Manage and ACT Monitor are installed into the application data folder selected when the server software was installed, the program icons are placed on the desktop.

2.2.1 ACT Enterprise Clients

- 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, and also to create and manage operators.

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