

This chapter shows you how to install Crystal Reports locally from the product CD. It also describes how to install Crystal Reports to a network server, and how to install from a network server to a workstation machine. Additional topics include [“Customizing your installation” on page 27](#) and [“Installing Crystal Enterprise” on page 29](#).

Installing Crystal Reports

The Crystal Reports Installation Wizard works with Microsoft Windows Installer to guide you through the installation process. The Installation Wizard automatically recognizes your computer's operating system and updates files as required.

This chapter provides step-by-step instructions for installing Crystal Reports and shows how to customize your installation. The main topics are:

- **Installation requirements**
- **Installing on a local machine from CD**
- **Installing to and from a network server**
- **Customizing your installation**
- **Installing Crystal Enterprise.**

As one of the final steps in the installation process, you'll be asked if you want to register the product. Follow the on-screen instructions to complete this process.

Installation requirements

Local installation (from CD) requirements

- Microsoft Windows 95/98/2000, Windows NT 4.0, or higher
- Minimum RAM: 16 MB (32 MB for Windows NT)
- Recommended RAM: 32 MB
- Minimum hard drive space required (all editions): 60 MB
- Maximum hard drive space required:
 - Developer Edition: 350 MB
 - Professional Edition: 350 MB
 - Standard Edition: 155 MB.

We also recommend having an additional 100 MB of free disk space on your C: drive for use by Windows during the installation. If your system does not meet these requirements, the program may not run correctly.

Network installation requirements

- Microsoft Windows 95/98/2000, Windows NT 4.0, or higher
- Minimum RAM: 16 MB (32 MB for Windows NT)
- Recommended RAM: 32 MB
- Typical hard drive space required on a network server: 217 MB
- Typical hard drive space required on a workstation: 105 MB.

We also recommend having an additional 100 MB of free disk space on your C: drive for use by Windows during the installation. If your system does not meet these requirements, the program may not run correctly.

Installing on a local machine from CD

If you are installing Crystal Reports on a computer running Windows NT or Windows 2000, you must have Administrator privileges. The installation process creates registry entries and may update some system files that require Administrator rights.

Close all currently running programs and stop as many services as possible when installing Crystal Reports.

If you want to limit the features you install, see [“Customizing your installation” on page 27](#).

Note: The Crystal Reports 8.5 installation removes the Web Component Server that was included in the Professional and Developer editions of Crystal Reports 8. To regain the ability to distribute reports over the Web, install Crystal Enterprise, which is included in the box with the Professional and Developer editions of Crystal Reports 8.5. For details, see [“Installing Crystal Enterprise” on page 29](#).

To install on a local machine

- 1 Insert the Crystal Reports CD and, if the CD does not start automatically, browse to your CD-ROM drive and double-click **Setup.exe**.

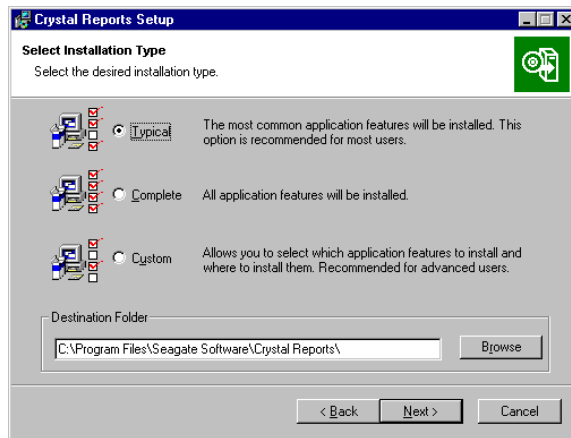
Note: Depending on the configuration of your current system, you may receive a dialog box informing you to update existing files. If this happens, click Yes and restart your machine. The Installation Wizard updates the required files.

- 2 Read and accept the License Agreement to proceed with the installation.
- 3 In the User Information dialog box, type your name, organization, and the CD Key Code.

Tip: The CD Key Code is printed on the sticker on the back of the CD envelope.

- 4 Click **Next**.

The Select Installation Type dialog box appears.



- 5 Choose the type of installation that you want to perform:
 - **Typical** installs the most common application features.
 - **Complete** installs most application features and subcomponents.
 - **Custom** enables you to choose the features that you want installed, to specify where they will be installed, and to check the disk space required by each feature. For details, see [“Customizing your installation” on page 27](#).
- 6 Click **Browse** if you want to install Crystal Reports to a directory different from the default location.

The default is C:\Program Files\Seagate Software\Crystal Reports\
- 7 Click **Next**.

The Start Installation dialog box appears.
- 8 Click **Next** to begin copying files to your local drive.

Installing to and from a network server

A network installation of Crystal Reports involves two steps:

- 1 Run the Administrator’s installation to copy files to a server machine on the network. See [“Installing Crystal Reports to a network” on page 25](#).
- 2 Access the server machine from a workstation, and run Setup.exe to install Crystal Reports on the workstation. See [“Installing Crystal Reports from a network” on page 26](#).

Installing Crystal Reports to a network

This procedure must be performed by a network administrator who has write access and network privileges. When this procedure is complete, end users will be able to access Setup.exe from the network to install Crystal Reports onto their local machines.

If you are installing Crystal Reports on a computer running Windows NT or Windows 2000, you must have Administrator privileges. The installation process creates registry entries and may update some system files that require Administrator rights.

Close all currently running programs and stop as many services as possible when installing Crystal Reports.

Note:

- The Crystal Reports 8.5 installation removes the Web Component Server that was included in the Professional and Developer editions of Crystal Reports 8. To regain the ability to distribute reports over the Web, install Crystal Enterprise, which is included in the box with the Professional and Developer editions of Crystal Reports 8.5. For details, see ["Installing Crystal Enterprise" on page 29](#).
- If users do not have the Microsoft Windows Installer configured on their machines, the setup process detects the workstation's operating system and installs the appropriate Microsoft Windows Installer package.

To install Crystal Reports to a network

- 1 Initialize the Administrator's installation by running **Setup.exe** with the additional command line switch **/a**.

For example, click the Start button, click Run, and type:

```
<path> Setup.exe /a
```

where <path> is the location of the Crystal Reports setup program.

- 2 In the Admin Installation dialog box, click **Browse** to choose the network location where you want to install the Crystal Reports files.
- 3 Click **Next**.
- 4 In the Admin Installation verification dialog box, click **Next** to begin copying the files to the network.
When the files have finished copying to the network, users can double-click Setup.exe to begin the installation.

Installing Crystal Reports from a network

If your network administrator has installed Crystal Reports to the network, make sure you have read privileges to that network before beginning this process.

If you are installing Crystal Reports on a computer running Windows NT or Windows 2000, you must have Administrator privileges. The installation process creates registry entries and may update some system files that require Administrator rights.

Close all currently running programs and stop as many services as possible when installing Crystal Reports.

Note: The Crystal Reports 8.5 installation removes the Web Component Server that was included in the Professional and Developer editions of Crystal Reports 8. To regain the ability to distribute reports over the Web, install Crystal Enterprise, which is included in the box with the Professional and Developer editions of Crystal Reports 8.5. For details, see [“Installing Crystal Enterprise” on page 29](#).

To install Crystal Reports from a network

- 1 Access the network server that contains the Crystal Reports installation files.
- 2 Double-click **Setup.exe**.

Note: Depending on the configuration of your current system, you may receive a dialog box informing you to update existing files. Click Yes and restart your machine. The Installation Wizard updates the required files.

- 3 Read and accept the License Agreement to proceed with the installation.
- 4 In the User Information dialog box, type your name, organization, and the CD Key Code.

Tip: You may need to contact your Administrator for the CD Key Code.

- 5 Click **Next**.

The Select Installation Type dialog box appears.

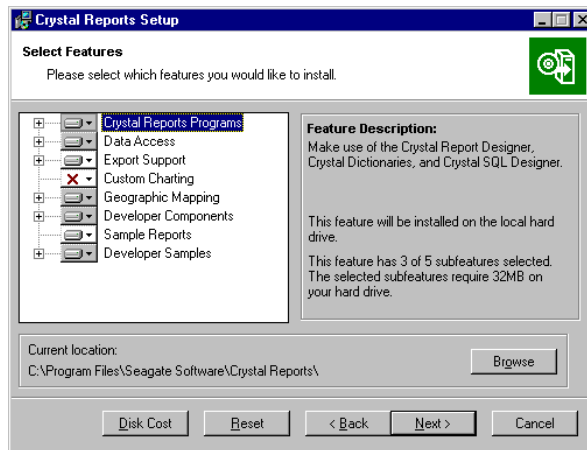
- 6 Choose the type of installation that you want to perform:
 - **Typical** installs the most common application features.
 - **Complete** installs most application features and subcomponents.
 - **Custom** enables you to choose the features that you want installed, to specify where they will be installed, and to check the disk space required by each feature. For details, see [“Customizing your installation” on page 27](#).

Note: If you want to install certain features so they run from the network, choose the Custom installation.

- 7 Click **Browse** if you want to install Crystal Reports to a directory different from the default location.
The default is C:\Program Files\Seagate Software\Crystal Reports\
- 8 Click **Next**.
The Start Install dialog box appears.
- 9 Click **Next** to begin copying files to your local drive.

Customizing your installation

Selecting the Custom installation option invokes the Select Features dialog box, which allows you to install specific features, to change the default location of various features, and to check the amount of disk space required by each feature.



The icons in the feature tree indicate whether the feature and its subfeatures will be installed or not:

- A white icon means that the feature and all its subfeatures will be installed.
- A shaded icon means that the feature and some of its subfeatures will be installed.
- A red X means that the feature or subfeature is either unavailable or will not be installed.

To select the configuration and location of a feature or subfeature, click its icon.

Note: Each feature or subfeature can have its own configuration and location.

Use the following table to determine your installation options for each feature or subfeature:

Type of feature installation	Description of what is installed
Will be installed on local hard drive	<ul style="list-style-type: none"> ■ Installs the feature on the local hard drive. ■ Uses the Typical install settings to install some of the feature's subfeatures to the local hard drive.
Entire feature will be installed on local hard drive	<ul style="list-style-type: none"> ■ Installs the feature and all of its subfeatures on the local hard drive.
Will be installed to run from CD/network	<ul style="list-style-type: none"> ■ Runs the feature and its Typical subfeatures off the CD/network. <p>Note: Some subfeatures are not set up to run from the CD/network. These subfeatures will be installed on your local hard drive.</p>
Entire feature will be installed to run from CD/network	<ul style="list-style-type: none"> ■ Runs the feature and all of its subfeatures off the CD/network. <p>Note: Some subfeatures are not set up to run from the CD/network. These subfeatures will be installed on your local hard drive.</p>
Feature will be installed when required	<ul style="list-style-type: none"> ■ Installs the feature or subfeature from the CD/network when first used. <p>Note: This option is available only for the Crystal Reports Programs feature and its subfeatures: Crystal Report Designer, Crystal Dictionaries, and Crystal SQL Designer.</p>
Entire feature will be unavailable	<ul style="list-style-type: none"> ■ Neither the feature nor its subfeatures are installed.

Note: Subfeatures are listed below each feature. A subfeature can have a different type of installation than its parent feature.

Installing Crystal Enterprise

Crystal Enterprise replaces Crystal Report's web capabilities and introduces new features such as report scheduling, security, and scalability.

The Crystal Enterprise Standard CD (shipped with Crystal Reports 8.5) includes a temporary product license keycode that lets users install and operate the Crystal Enterprise system for a period of 30 days. To obtain a free, non-expiring product activation license keycode, users must register their copy of Crystal Enterprise Standard. Please use the Crystal Registration Wizard located in the Crystal Enterprise Program Group to complete your registration.

The version of Crystal Enterprise included with the Professional and Developer editions of Crystal Reports 8.5 installs all the components necessary for running Crystal Enterprise on one machine.

The following components are installed when you install Crystal Enterprise:

- ePortfolio
- Crystal Publishing Wizard
- Crystal Management Console (CMC)
- Crystal Configuration Manager
- Crystal Import Wizard
- Crystal Web Component Server (WCS)
- Crystal Automated Process Scheduler (APS)
- Crystal Cache Server
- Crystal Page Server
- Crystal Input File Repository Server
- Crystal Output File Repository Server
- Crystal Job Server.

All services are enabled after the installation is complete. An Administrator account is created as well as a guest user account. Sample reports are also installed.

Getting Started

Crystal Enterprise uses a wizard to guide you through the installation process. The installation wizard automatically recognizes your computer's operating system and updates files as required.

System requirements

A stand-alone installation of Crystal Enterprise has the following minimum system requirements:

- Microsoft Windows NT 4 SP5, Windows 2000
- Microsoft Internet Information Services (IIS) 3, Netscape Enterprise Server 3.6 (and the latest SP), Netscape FastTrack 3.01 (and the latest SP), or a web server that supports the Common Gateway Interface (CGI)
- 128 MB RAM minimum
- 400 MB free disk space
- Microsoft Internet Explorer 4.01 SP2 minimum, 5.5 SP1 recommended, Netscape 4.72 minimum (4.75 recommended).

If your system does not meet these requirements, the program may not run correctly.

Running the installation

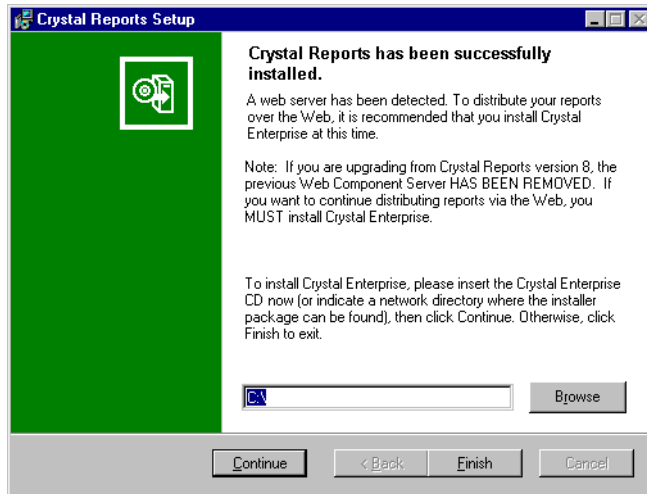
This section describes two options for installing Crystal Enterprise:

- [“Installing Crystal Enterprise immediately after Crystal Reports” on page 31](#)
- [“Installing Crystal Enterprise at a later time” on page 32.](#)

The first option can be used if you receive a message after installing or upgrading Crystal Reports; the second option can be used at any time.

Installing Crystal Enterprise immediately after Crystal Reports

If the computer you're installing or upgrading Crystal Reports on has a web sever, the installation program prompts you with the following dialog box:



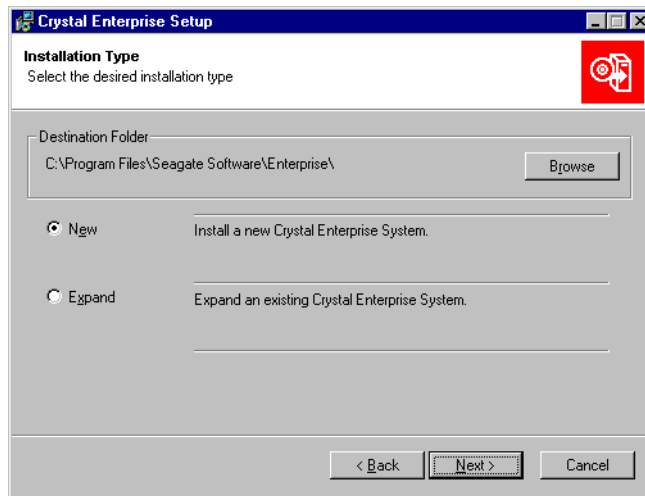
If you want to install Crystal Enterprise now, insert the Crystal Enterprise CD, or enter the path of the network directory you want to run the installer from. To continue, go to step 2 of “Installing Crystal Enterprise at a later time.”

If you don't want to install Crystal Enterprise now, click Finish to exit the dialog box. You can install later by using the “Installing Crystal Enterprise at a later time” procedure.

Installing Crystal Enterprise at a later time

- 1 Insert the Crystal Enterprise CD and, if the CD does not start automatically, browse to your CD-ROM drive and double-click **Setup.exe**.
The Wise Installation Wizard starts the installation and the Crystal Enterprise Setup program searches for previously installed components.
- 2 Follow the instructions displayed on your screen regarding licensing, and so on.
- 3 In the User Information dialog box, enter your name, organization name, and license key.
- 4 Click **Next**.

The Installation Type dialog box appears:



- 5 Click **Browse** if you'd like to specify a different destination folder from the one chosen by default.
Search for the new folder on your computer.
- 6 Select **New** as your installation type.
- 7 Click **Next**.
- 8 Click **Next** on the Start Installation dialog box when you are ready to begin the installation.
The installation of files begins immediately. When the installation program has finished copying files, the final setup screen appears.
- 9 Clear **Launch Report Publish Wizard** if you don't want the wizard to begin immediately.
- 10 Click **Finish**.