

Oracle Information Rights Management
Oracle IRM Desktop Installation Guide
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System Requirements

- 486 or Pentium PC-compatible computer
- 5 MB free disk space
- Microsoft Internet Explorer 4.0 or later

Supported Operating Systems

- Microsoft Windows 2000 Professional
- Microsoft Windows XP
- Microsoft Windows Vista

The latest operating system service packs are recommended.

Note. Do not install on Exchange Server systems, because Oracle IRM Desktop and Exchange Server have conflicting uses for the .stm file extension that can impact the operation of mail services.

Note. If you want Oracle IRM Desktop and the Oracle IRM Management Console on the same system, Oracle IRM recommends installing the same version of the two products.

Supported Browsers

Oracle IRM Desktop operates as a plug-in to the following browser versions:

- Microsoft Internet Explorer 5.0 or later

Oracle IRM recommends using Internet Explorer 6.0 or later. Note that Internet Explorer does not need to be your default browser – it just needs to be available on the system.

Installation Privileges

The installation requires administrator privileges or elevated privileges.

Installing Oracle IRM Desktop

Oracle IRM Desktop is typically downloaded and installed from a web page. The web page might be hosted by Oracle IRM, or by another organization. Typically, you will be told the address of the download site.

1. Close all instances of Microsoft Word, PowerPoint, Excel, and Outlook.
2. Uninstall any previous version of Oracle IRM Desktop or the SealedMedia Unsealer or Desktop software.
3. Go to the Oracle IRM Desktop download site.
4. Follow the instructions on the Oracle IRM Desktop download site.

Do not attempt to install Oracle IRM Desktop on a mapped drive or on a drive defined using the subst command.

[Silent and Unattended Installations](#) are also supported.

Uninstalling Oracle IRM Desktop

Use the Control Panel Add/Remove Programs dialog to uninstall Oracle IRM Desktop, if required. Alternatively, run the installer and you will be offered the option to uninstall.

Uninstalling Oracle IRM Desktop does not delete your local rights database from your system. If you re-install, your existing rights will still be available.

On systems where poweruser privileges are required to install Oracle IRM Desktop, the uninstallation must be run by the same power user or a local administrator.

Upgrading Oracle IRM Desktop

You cannot upgrade to this version of Oracle IRM Desktop from previous versions, or from SealedMedia Unsealer or Desktop, except by uninstalling the previous version and installing this one.

Silent and Unattended Installations

The Oracle IRM Desktop installation package is a self-extracting executable that contains an MSI installer. If you are the network administrator for many Oracle IRM Desktop users, you can use the installer to manage silent installations and preconfigure settings.

You can either pass arguments to the self-extracting executable, or run it once to [extract the MSI installer](#) and then use msiexec.exe to pass arguments directly to it. However, if using GPO then the standard way to set parameters is to use Orca from the Windows SDK to create MST files that set the required arguments, then to apply that transform and the MSI together in GPO.

The following example shows how to pass arguments directly to an extracted MSI installer:

```
msiexec /i "Oracle IRM Desktop EN 5.2.8.55.msi" /qn EMAIL_BITMASK=1
```

The following shows how to achieve the same effect by passing arguments to the self-extracting executable:


```
"Oracle IRM Desktop EN 5.2.8.55.exe" /v /qn EMAIL_BITMASK=1
```

The /v argument signifies that other arguments are to be passed to the MSI installer within the executable.

The list of configurable settings relate to the functional subcomponents of Oracle IRM Desktop:

- Oracle IRM Desktop – controls access to sealed documents
- Desktop sealing – integrates sealing options into Windows Explorer
- Synchronization Manager – automates rights synchronization
- Search integration – integrates with search facilities
- Email integration – integrates with popular email applications such as Microsoft Outlook

The following sections provide information about the configurable settings for each subcomponent. All components have valid defaults that enable a user to open and work with sealed documents, subject to their rights, immediately after installation. Configuration of settings during installation is optional.

After installation, most of the settings are accessible by right-clicking the  Oracle IRM icon in the Windows tooltray and selecting **Options**. For further information about particular settings, see the Oracle IRM Desktop help.

Oracle IRM Desktop Settings

The Oracle IRM Desktop settings that you can preconfigure are as follows:

Property	Value	Default
UNSEALER_OFFICEUNSEALER_ENABLED	0 or 1	1 (enabled)
UNSEALER_AUTHENTICATIONOPTIONS_ENABLED	0 or 1	0 (disabled)
UNSEALER_SYSTEMTRAYICON_SHOW	0 or 1	1 (enabled)
UNSEALER_SEALEDMEDIABAR_SHOW	0 or 1	1 (enabled)
UNSEALER_IETOOLBARS_HIDE	0 or 1	1 (enabled)
UNSEALER_UPGRADE_URL	string	none

With the exception of the upgrade URL, these options relate to settings that appear on the Oracle IRM Desktop tab of the Oracle IRM Desktop Options dialog.

Preconfiguring an Upgrade URL

Each version of the Oracle IRM Desktop component supports a range of sealed document schema versions. If a user tries to open a document with a more recent schema, Oracle IRM Desktop offers to upgrade to a newer version. However, in many organizations users are not allowed to install software for themselves, and attempts to do so will result in failure and possible confusion. If this applies to your organization, then you can override the default upgrade URL. For example, you can redirect to a page that explains that upgrades

are not permitted or that provides contact details of an administrator who can arrange for the upgrade. You can use the UNSEALER_UPGRADE_URL for this purpose, if required.

Desktop Sealing Settings

The Desktop Sealing settings that you can preconfigure are as follows:

Property	Value	Default
DESKTOPSEALER_ENABLED	0 or 1	1 (enabled)
DESKTOPSEALER_TEMPLATE_DIR	string	none
DESKTOPSEALER_NUMCONTEXTMRU	integer	5
DESKTOPSEALER_TOOLTIP	0 or 1	0 (disabled)

These settings relate to options on the Desktop Sealing tab of the Oracle IRM Desktop Options dialog.

Synchronization Manager Settings

The rights synchronization manager provides one pre-configurable setting – the list of servers that the user should synchronize with. In most deployments, there is only one server in the list. If you do not pre-configure this setting, the server list is configured automatically when the user opens a sealed document for the first time. A user can configure the list manually using the Oracle IRM Desktop Options dialog, but that is rare.

Property	Value	Default
SYNC_SERVERLIST	url, 0 or 1 for example: smlicense.abc.com:80,1	None url = License Server URL 0 or 1 = disabled or enabled

In this example, the URL identifies a License Server and port, and the 1 signifies that synchronization with that server is enabled.

Search Settings

There is one pre-configurable search setting, as follows:

Property	Value	Default
SEARCH_ENABLED	0 or 1	1 (enabled)

Email Settings

The email settings that you can preconfigure are as follows:

Property	Value	Default
EMAIL_BITMASK	bitmask 0 to 7 1 = Outlook integration enabled 2 = GroupWise integration enabled 4 = Notes integration enabled	0

Property	Value	Default
	Other values indicate integration with multiple email applications	
EMAIL_TEMPLATE	filename	none
EMAIL_TEMPLATE_BODY	filename	none
EMAIL_FORMAT	0, 1, or 2	0 = Word 1 = Rich Text Format 2 = Plain Text

These settings relate to options on the Email tab of the Oracle IRM Desktop Options dialog and on the additional dialog you can access by clicking the **Settings** button on the Email tab.

Extracting the MSI File from the Self-Extracting Executable

If you prefer to use the MSI file directly, you can extract it as follows:

1. On a test box, run the Oracle IRM Desktop installation executable but click Cancel on the first installation screen.
2. Running the executable extracts the MSI file to a subfolder of the current user's temporary area, for example, **C:\Documents and Settings\Fred\local settings\temp_isNNN** where **NNN** is a number. This is a subfolder of the folder defined by the %TEMP% environment variable.
3. Navigate to that folder and take a copy of the MSI file.

You can now use the MSI file for your corporate roll-out.

Installing and Running the Desktop in Citrix Environments

Support for Citrix environments is available as a functional extension to the Oracle IRM system. For details, refer to your Oracle IRM representative.

Note. In a Citrix environment, you need to install Oracle IRM Desktop by going to the Control Panel Add/Remove Programs dialog, and running the installation from there. Double-clicking the Oracle IRM Desktop installer in Windows Explorer does not install successfully.

Note. Screen capture protection may be disabled under certain circumstances.

Interoperability Notes

Oracle IRM Desktop supports a wide range of popular document formats. For each format, Oracle IRM Desktop controls the relevant application to display sealed documents. The following sections describe application requirements for some formats.

Oracle IRM recommends that you install Oracle IRM Desktop after installing the relevant rendering applications. For example, if you want to use sealed PDF, install Oracle IRM Desktop after installing the

Adobe software. This ensures that the sealable file formats, such as PDF, are registered with Windows before the Oracle IRM Desktop installation.

Sealed Word, PowerPoint, Excel

- Microsoft Office 2000
- Microsoft Office XP
- Microsoft Office 2003
- Microsoft Office 2007

Sealed PDF

- Adobe Acrobat Reader or Adobe Acrobat Full version 6.0 or later

You can install Adobe Reader or Acrobat before or after installing Oracle IRM Desktop.

- Oracle IRM Desktop displays a warning if you are using an unsupported version of Adobe Reader or Acrobat.

Sealed Video

- QuickTime 4 or later. The latest QuickTime version is recommended.
- QuickTime 5.02 or later, if you want to view sealed MPEG-I movies.
- QuickTime 6 or later, if you want to view sealed MPEG-4 movies.