



ClearImage v7 Production Deployment

Introduction: After an application has been developed using the ClearImage SDK, it can be deployed for production use on the same or different computer.

This document describes the ClearImage 7 procedures. For production distribution of earlier ClearImage versions (6.x and 5.x) please refer to support section of Inlite Web Site.

If you encounter difficulties please contact our support at support@inliteresearch.com or 408-737-7093.

ClearImage PDK Deployment

The ClearImage PDK (Production Deployment Kit) is the primary distribution for production installation. The link to download the PDK from Inlite's website is emailed to the customer together with the license certificate. Update links are provided to customers that enroll in the Inlite [Software Assurance Program](#).

The following procedure installs the PDK and activates the license for its use:

1. The installing user must be logged on the target system as an Administrator.
2. **Install the ClearImage PDK.** Run the installer [ClearImagePFK.N_N_NNNN.exe](#). ClearImage PDK installs two group of components:
 - ClearImage production runtime is installed in:
[C:\Program Files\Inlite\ClearImage 7 PDK](#) directory.
COM objects are automatically registered.
ClearImageNet.70.dll is placed in GAC
 - Inlite Licensing Manager is installed in:
[C:\Program Files\ClearImage\COM](#) directory.
3. **Run the Licensing Manager.** Start it from:
[Start -> Programs -> ClearImage 7 PDK -> Licensing Manager](#)
Click the Register button and enter the certificates shown in the email.
See [Tech Note 44](#) for details.
4. Run your ClearImage-based application. Restart your application, if it was running while you installed the ClearImage 7 PDK.

If the exception "[Use of unlicensed function \[Module_Name\]](#)" is detected make sure that:

- You have a valid license to use the [Module_Name](#) functionality, OR
- That calls to functions using [Module_Name](#) are removed or commented out.

ClearImage COM Installation in application-specific directory

Follow this procedure to install the ClearImage production runtime in a specified location other than the default.

Install COM components

To install ClearImage production runtime in a specified location:

- Download and execute the ClearImage PDK on any system.
- Copy the ClearImage runtime files specified below to your application-specific directory on the target system.

ClearImage runtime on x86 system: [CiCxImage.dll](#), [ClearImage.dll](#)

ClearImage runtime on x64 system: [CiCxImage.x64.dll](#), [ClearImage.x64.dll](#)

The following modules implement particular Inlite product functionality, and they require access to [CiCxImage.dll](#), [ClearImage.dll](#).

- ClearImage DL/ID Reader: [ClearImageDLID.dll](#), [CiBcfPd86572618.dll](#)
- ClearCheck21 MICR Reader: [ClearMicr.dll](#)
- ClearCheck21 Image QA: [ClearCheckIQA.dll](#)

COM components registration

To be accessible from your application each component has to be registered.

Run: `regsvr32 filename.dll`, for each of the above components.

COM Registration-Free Activation

Alternatively you may deploy with [Registration-Free Activation](#). The following manifest entries describe ClearImage COM components:

```
<assembly xmlns="urn:schemas-microsoft-com:asm.v1"
  manifestVersion="1.0">
  <file name="ClearImage.dll">
    <comClass description="ClearImage Class"
      clsid="{D836E300-A317-4C7E-BE61-D650CE242589}"
      threadingModel="Apartment" progid="ClearImage.ClearImage"
      tlbid="{F2BCF178-0B27-11D4-B5F5-9CC767000000}"/>
    <typelib tlbid="{F2BCF178-0B27-11D4-B5F5-9CC767000000}"
      version="1.0" />
  </file>
  <file name="CiCxImage.dll">
    <comClass description="CiCxImage Class"
      clsid="{DBBADC34-71B4-46d5-BBE1-A397673A49F3}"
      threadingModel="Apartment" progid="CiCxImageCOM.CiCxImage"
      tlbid="{DBBADC34-71B4-46d5-BBE1-A397673A49F4}"/>
    <typelib tlbid="{DBBADC34-71B4-46D5-BBE1-A397673A49F4}"
      version="1.0"/>
  </file>
  <file name="ClearImageDlId.dll">
```

```

    <comClass description="ClearImageDLID.ParserAAMVA"
      clsid="{AF83DB59-981A-4678-9BB7-342AAFC7ABB8}"
      threadingModel="Apartment"/>
    <comClass description="ClearImageDLID.Element"
      clsid="{46FCB776-8134-4545-9D03-7F2415750497}"/>
    <comClass description="ClearImageDLID.Reader"
      clsid="{4370E0DC-7918-4921-9D1C-621929AC3945}"
      threadingModel="Apartment"/>
    <typelib tlbid="{55DF4137-5910-4233-AB30-0AA2AF166934}"
      version="2.0"/>
  </file>
  <file name="CiBcfPd86572618.dll">
    <comClass description="CiBcfPd86572618.CiBcFlow"
      clsid="{8359348B-088E-4C4C-A3F9-AD80AE78F3A8}"
      threadingModel="Apartment"/>
    <typelib tlbid="{5718025A-99FE-4F71-BB06-41B54D847FF3}"
      version="2.0" />
  </file>
  <file name="ClearMicr.dll">
    <comClass description="ClearMicr.CcMicrInfo"
      clsid="{A8C0BC5D-90A8-4FE1-8C2E-09FFCC8F5B71}"/>
    <comClass description="ClearMicr.CcMicr"
      clsid="{CAD45B21-F233-4684-AFCC-7F443A3E2C47}"/>
    <comClass description="ClearMicr.CcMicrReader"
      clsid="{1F06CFD9-4F25-42A6-B59F-FF120A95A6B6}"
      threadingModel="Apartment"/>
    <typelib tlbid="{7A919D83-EDAE-4CAC-8A8C-F72BF1120A99}"
      version="10.1" />
  </file>
</assembly>

```

ClearImage NET Installation in application-specific directory

ClearImageNet.70.dll assembly is registered in GAC when ClearImage PDK is first installed or when you switch to the production version of ClearImage in the Licensing Manager. To use side-by-side operation, copy the following DLL to the application specific directory:

```
C:\Program Files\Inlite\ClearImage 7 PDK\ClearImageNet.70.dll
```

To use ClearImageNet.70.dll assembly in your local folder instead of the one in the GAC, remove that version from the GAC before running your application:

```
gacutil -uf ClearImageNet.70
```