# Adobe® Digital Enterprise Platform Extension – Production Print

**Version 10.0**

## Installation Guide

**Rev A**

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OPENTEXT

Adobe® Digital Enterprise Platform Extension – Production Print Installation Guide
Rev A

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Contact information for Adobe Systems Incorporated

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http://www.adobe.com/support/livecycle/

For other general questions see

www.adobe.com/aboutadobe/contact.html

Developer information

At the Adobe Developer Connection ADEP website,

http://www.adobe.com/devnet/enterprise-platform.html,

you can get the latest developer information and extend your knowledge with articles, tutorials, code samples, downloads, and sample applications.

For information about developer resources that are available, see

www.adobe.com/enterprise/developer/

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# About installing Production Print

This document informs how to install Adobe® Digital Enterprise Platform (ADEP) Extension – Production Print. In this document, the ADEP Production Print Extension is referred to as Production Print.

The document includes information about:

- Supported software, platforms, and databases.
- How to install Production Print.
- How to upgrade previous LiveCycle Production Print versions to this version of Production Print.
- How to verify the Production Print installation.

### Components

- Production Print
  The OpenText – Adobe integrated solution.
- StreamServe Persuasion SP5, Enhancement Pack 1
  The OpenText release that the integrated solution is based on. StreamServe Persuasion includes the StreamServe Component Framework, Design Center, and StreamServer.
- ADEP Designer
  The Adobe forms design product that is embedded in the integrated solution's design environment.
- StreamServe Process tool for ADEP Designer
  The application, developed by OpenText, that integrates ADEP Designer in StreamServe Design Center.
- XFA processor
  The application, developed by OpenText, that enables the StreamServe Persuasion runtime environment to generate output in various formats from XML data files and ADEP Designer form templates.

### User documentation

Standard StreamServe Persuasion documentation is used along with the Production Print specific documentation.

If there any inconsistencies between the standard documentation and the Production Print documentation, the Production Print documentation is the correct documentation. For example, the information in this document overrides any corresponding information in *StreamServe Persuasion SP5 Installation Guide* or in the *StreamServe Persuasion SP5 Supported platforms and software Reference Guide.*

The following documents are specific to Production Print:

- *Adobe Digital Enterprise Platform, Extension – Production Print, Release Notes* – describes new and changed features.
- *Adobe Digital Enterprise Platform, Extension – Production Print, User Guide* – describes the Production Print functionality.
- *Adobe Digital Enterprise Platform, Extension – Production Print, Installation Guide* – (this document) describes how to install, upgrade, and verify the Production Print software. It also lists supported software and platforms.

# Supported software

**In this chapter**


- *Supported ADEP software* on page 9.
- *Supported software, platforms, and databases* on page 10.
- *Virtual environments* on page 13.


## Supported ADEP software

The following software and versions are supported:

- ADEP Basic or Standard Edition, Version 10.0 or later
- ADEP Designer, Version 10.0 or later

Service packs are available from Adobe Enterprise Support.

# Supported software, platforms, and databases

Production Print supports a slightly different set of platforms compared to other ADEP products. Any deviations from ADEP are stated in this chapter.

### In this chapter


- *StreamServer (including the XFA processor)* on page 10.
- *Design Center (including ADEP Designer integration)* on page 11.
- *Databases* on page 11.
- *Application servers (StreamStudio)* on page 12.
- *Directory servers* on page 12.
- *JVMs* on page 12.


## StreamServer (including the XFA processor)

The following platforms are supported:

- Sun Solaris 10
- IBM AIX 6.1.x
- IBM AIX 7.1.x
- HP-UX 11i V2
- HP-UX 11i V3
- SUSE Linux Enterprise Server 11 (on x86-64 bit hardware)
- Red Hat Enterprise Linux ES/AS 5.5 and later (on x86-64 bit hardware)
- Microsoft Windows 2003 Server – Service pack 2 and later (on x86-32/64 hardware)
- Microsoft Windows 2008 Server R2 (on x86-64 bit hardware)

Windows 2008 support is for R2 only. Previous versions are not supported. Windows 2008 R2 is 64-bit only.

Adobe recommends a minimum of 4 GB RAM for ADEP. The minimum recommendation for Production Print is 2 GB RAM.

### Deviations from ADEP 10.0.0

Supported by Production Print, but not ADEP:

- IBM AIX 7.1
- HP-UX 11i V2 & V3 on Itanium hardware is supported and is delivered on the product media. Limitations: post-processing and SAP Delivery Manager are not supported.

# Design Center (including ADEP Designer integration)

The following platforms are supported:

- Microsoft Windows XP Professional – Service pack 3
- Microsoft Windows 2003 Standard Edition – Service pack 2 and later
- Microsoft Windows 2003 Server Enterprise Edition – Service pack 2 and later
- Microsoft Windows 7 Professional Edition
- Microsoft Windows 7 Ultimate Edition
- Microsoft Windows 2008 Server R2 Standard Edition
- Microsoft Windows 2008 Server R2 Enterprise Edition
- Microsoft Windows 2008 Server R2 Data Center Edition

Windows 2008 support is for R2 only. Previous versions are not supported. Windows 2008 R2 is 64-bit only.

### Deviations from ADEP 10.0.0

Not supported:

- Windows Vista
- Microsoft Windows 7 Home

# Databases

The following databases are supported:

- Microsoft SQL Server 2008 – Service pack 1 or R2
- Microsoft SQL Server 2005
- Oracle Database 10.2
- Oracle Database 11g R1 – Patch Set 11.1.0.7 and 11.1.0.7 Patch Set update 3
- Oracle Database 11g R2 – Base Release Patch Set Update 11.2.0.1.1 and patch 9165206
- IBM DB2 9.5.x with latest patch

### Deviations from ADEP 10.0.0

Not supported:

- IBM DB2 v9.1
- MySQL

**Note:** IBM DB2 usage is limited to queue usage. You cannot use IBM DB2 with StreamStudio applications.

# Application servers (StreamStudio)

The following application servers are supported:

- WebSphere 6.1 /7.0
- Apache Tomcat 5.5 and 6.0

### Deviations from ADEP 10.0.0

Not supported:

- JBoss
- Web Logic

Supported by Production Print, but not ADEP:

- Apache Tomcat

# Directory servers

- Microsoft Active Directory 2003, 2008
- OpenDS

### Deviations from ADEP 10.0.0

Not supported:

- Sun One
- IBM Tivoli Directory Server
- Novell eDirectory

Supported by Production Print, but not ADEP:

- OpenDS

# JVMs

The following JVMs are supported:

- Sun Java 6 update 12 or higher (32-bit only)

### Deviations from ADEP 10.0.0

Not supported:

- IBM Java 6
- JRockit Java 6
- 64 bit JVM

# Virtual environments

OpenText supports all StreamServe Persuasion applications on the base operating system, regardless of vendor or version of the virtual environment. See *Supported software, platforms, and databases* on page 10.

If an issue is encountered relating to the normal operation of any StreamServe Persuasion applications whilst running within a virtualized environment, OpenText is only obligated to attempt to reproduce the issue on the same base operating system. If the issue cannot be reproduced by OpenText on the same base operating system, OpenText will request that the issue is referred to the vendor of the virtualization software for further investigation.

# Installing Production Print

This chapter describes the installation media and how to install the Production Print software.

You cannot install Production Print in parallel with LiveCycle Production Print ES2 (Update 1) or any other previous version on the same operating system.

For general information about installing, repairing, or uninstalling StreamServe Persuasion, see the *StreamServe Persuasion SP5*, *Installation Guide*.

### In this chapter


- *Installation media* on page 16.
- *Installing on Windows* on page 17.
- *Installing on UNIX* on page 21.

# Installation media

The Production Print software is available on DVD and as electronic downloadable media.

The installation media contains:

- Master setup.
- Module setups for Windows installations.
- Module setups for UNIX installations.
- User documentation.
- Document Service Component for ADEP Document Services Workbench.
- Sample Projects.

### Final packaging

The final packaging of the product constitutes a media set including two DVDs or images:

- ADEP Designer
- Production Print

# Installing on Windows

You install the software for Windows from the installation media. Double-click the `mssetup.exe` file to open the master setup.

---

If you download the electronic installation media, it is recommended to unpack the ZIP file to a shallow directory. For example, `C:\pp\`

Using a deep directory structure with a long path name may cause file losses when unpacking the ZIP file.

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### In this chapter


- *Master setup* on page 17.
- *Installing the design environment* on page 19.
- *Installing the production environment* on page 19.
- *Installing the Document Service Component* on page 19.
- *Installing the sample Projects* on page 20.
- *Installing the StreamServe Persuasion SP5 Help* on page 20.


## Master setup

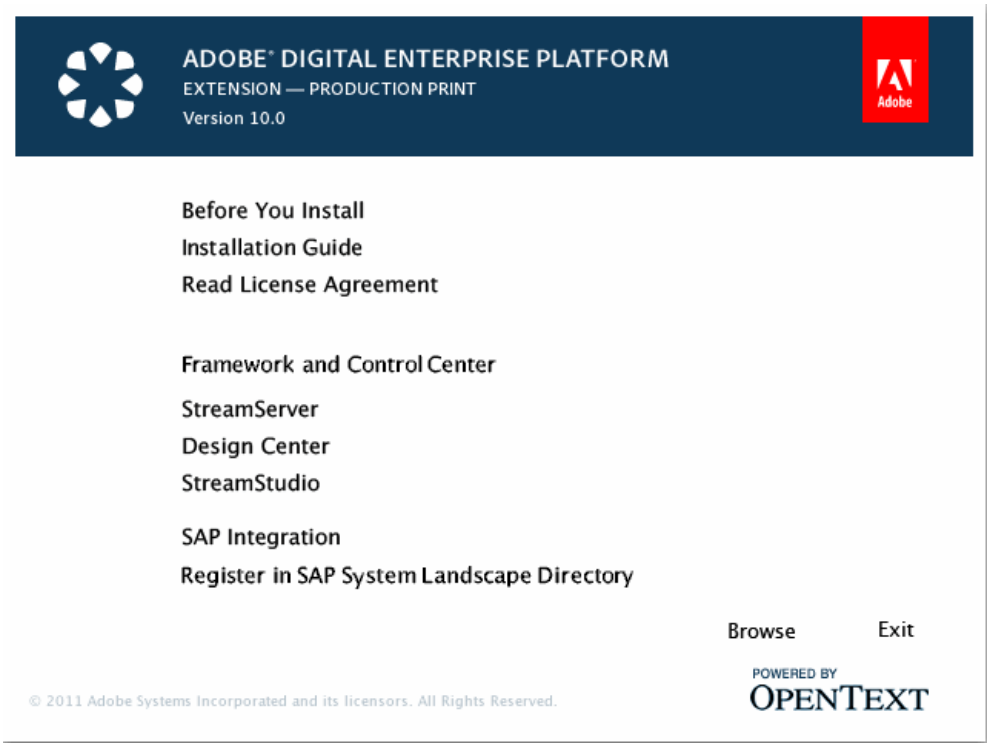


*Figure 1 Master setup, with links to module setups*

The installation consists of a master setup and a number of module setups.

Clicking a link in the master setup launches the setup wizard for the selected module.

| Link | Description |
|---|---|
| **Before You Install** | Displays information that is important to know before you start the installation. |
| **Installation Guide** | Opens the *Adobe Digital Enterprise Platform, Extension – Production Print, Installation Guide* (PDF, this document). |
| **Read License Agreement** | Opens the End User License Agreement (EULA) document. |
| **Framework and Control Center** | Installs the underlying software required to run StreamServe applications. |
| **StreamServer** | Installs software needed to run StreamServer applications. You must install the **Framework and Control Center** before you install StreamServer. |
| **Design Center** | Installs Design Center. |
| **StreamStudio** | Installs the StreamStudio web applications including Composition Center, Collector, Dispatcher, and Reporter. |
| **SAP Integration** | Module setup for the components used for StreamServe – SAP integration. |
| **Register in SAP System Landscape Directory** | Registers the StreamServe product in the System Landscape Directory at the customer site. This is required if you want to use the SAP Solution Manager. |
| **Browse** | Opens a file browser to view the files on the media. |
| **Exit** | Exits the setup. |

# Installing the design environment

1 Install **ADEP Designer**.

**Note:** This is optional. You can run the StreamServe Process tool for ADEP Designer without having ADEP Designer installed (if you use existing form templates).

2 Install **Design Center**.

# Installing the production environment

1 Install **FrameWork and Control Center**.

2 Install **StreamServer**.

# Installing the Document Service Component

Production Print includes a Document Service Component (DSC). The DSC allows you to create a process in Document Services Workbench that can communicate with Production Print.

The DSC is provided on the installation media in the following JAR file:

`Extras/DSC/lcppdsc`

### To install the DSC

1 Open Document Services Workbench.

2 Locate the **Components** view.

3 Right-click the **Components** folder and select **Install component**.

4 Navigate to the `lcppdsc` file, select the file, and click **OK**.

### Alternative procedure

If you are upgrading from a previous LiveCycle Production Print release, you can upgrade the existing DSC instead of installing the new version. See *Upgrading the DSC to Production Print* on page 25.

At upgrading, you patch the previous DSC service and all service level configurations are retained. If you uninstall the previous version and then install the new version, all service level configurations are reset to the default values of the new version.

# Installing the sample Projects

The sample Projects rely on a number of sample processes and resources that you can install in ADEP using Document Services Workbench.

The processes and resources are provided on the installation media in the LiveCycle Archive (LCA) file `Extras\DSC\lcpp.lca`.

To install the LCA file, please refer to the ADEP documentation.

# Installing the StreamServe Persuasion SP5 Help

The standard StreamServe Persuasion SP5 Help is available as web help, accessible over the Internet. When you select **Help** from a menu or press F1, the web help opens in a separate browser.

If you wish to run the help locally on your computer, you must first install the help files manually. Then enable local help in Design Center, and finally select **Help** or F1 and follow the instructions to install the local help.

**Note:** The Production Print documentation is delivered as PDF files on the installation media.

### To install the StreamServe Persuasion SP5 Help manually

1. Go to the installation media directory:
   `...\<Language>\online help`

   Where `<Language>` is either `English`, `German`, or `French`.
2. Copy all files to the directory

   `<StreamServe_installation>\Applications\StreamSever\<Version>\Common\OnlineHelp`

### To enable local help in Design Center

1. In StreamServe Design Center, select **Tools** > **Design Center Settings**. The Design Center Settings dialog box opens.
2. In the **Choose help type** area, select **Use local help**.

   When you select **Help** from a menu or press F1, an instruction is displayed on how to install local help.

# Installing on UNIX

To install on UNIX, run the setup script using the following command:

```
./<StreamServe_installation>/setup_adobe
```

For more information, see the *StreamServe Persuasion SP5 Installation Guide.*

# Upgrading to Production Print

This chapter describes how to upgrade the Design Center Project and the DSC from any previous LiveCycle Production Print release to the Production Print release.

For general information on how to upgrade earlier StreamServe releases to Persuasion SP5, see the *StreamServe Persuasion SP5 Upgrading Instructions*.

### Prerequisites

Production Print must be installed. See *Installing Production Print* on page 15.

You can upgrade to Production Print directly from any previous LiveCycle Production Print release without any intermediate installations.

### In this chapter


- *Upgrading the Project to Production Print* on page 24.
- *Upgrading the DSC to Production Print* on page 25.

# Upgrading the Project to Production Print

To upgrade an existing Design Center Project to Production Print, you must first install Production Print and then open the Project in StreamServe Design Center. After your confirmation, Design Center automatically upgrades the Project.

**Note:** You cannot open an upgraded Project in previous versions of the product.

If you are upgrading directly from LiveCycle Production Print ES Update 1 or earlier, you must manually convert any previously imported XDP resources to the **XDP Template** resource type.

### To upgrade the Project

1. In Design Center, open the Project.
2. If your XDP resources are not already of resource type **XDP Template**, you must manually convert them to XDP Template.
   See the *StreamServe Persuasion SP5 Design Center* documentation.

   **Note:** This step applies if you are upgrading directly from LiveCycle Production Print ES Update 1 or earlier.
3. Open the Process and select the **Open/Select Template** command. Verify that the correct resource is assigned.
4. Save and re-export the Project.

   You must now upgrade the DSC to Production Print. See *Upgrading the DSC to Production Print* on page 25.

# Upgrading the DSC to Production Print

If you are upgrading from any previous LiveCycle Production Print release to this Production Print release, you must upgrade the DSC. When upgrading, you patch the previous DSC service and all service level configurations are retained.

### To upgrade the DSC

1. Get new version of the Production Print DSC file, `lcppdsc.jar`, from the installation media directory `/Extras/DSC`.
2. Open Document Services Workbench.
3. Connect to the upgraded ADEP server or ADEP instance.
4. Navigate to the **Components** view and locate the `ProductionPrint` service.
5. If the service is running, right-click and select **Stop**.
6. Right-click the service and select **Patch**. Patching retains all service level configurations from the previous version.
7. Browse to, and select, the new version of the Production Print DSC.
8. Right click the service and select **Start**.

### Alternative procedure

An alternative to the procedure below is to uninstall the previous version and then install the new version. See *Installing the Document Service Component* on page 19. Uninstalling resets all service level configurations to the default values of the new version.

# Verifying the Production Print installation

You can use a Sample Project, provided on the installation media, to verify that the installation and the Project upgrade were successful.

See the *Adobe Digital Enterprise Platform, Extension – Production Print, User Guide > Sample Projects*.

# Verifying the Production Print installation