

# Move to Adobe LiveCycle ES

## Next-generation solutions for document automation

Adobe® LiveCycle® ES (Enterprise Suite) software is an integrated server-based solution that blends document output, data capture, process management, and content services to help organizations develop applications that reduce paperwork, accelerate decision-making, and help ensure regulatory compliance. One of the solution components in LiveCycle ES is Adobe LiveCycle Output ES, which is the designated replacement for Adobe Central and Central Pro Output Server software, Central Workstation Edition, and Web Output Pak. LiveCycle Output ES is designed to help you reduce costs by extending document-based processes outside your organization to better engage with customers, partners, constituents, and colleagues. It also helps with your green IT initiatives by enabling the delivery of more secure electronic correspondence.

## FAQ

### Why should I consider moving to Adobe LiveCycle Output ES?

The Central Output Server family is scheduled for end-of-life in June 2016. Adobe LiveCycle Output ES is the designated replacement for most Central products. That means customers who hold current Platinum support contracts qualify to exchange their Central software licenses for a comparable configuration of LiveCycle Output ES licenses.

The exchange is free for organizations that purchased their licenses before June 4, 2007. There is a trade up fee involved for those that purchased on or after that date.

### What is the migration program and what are its key benefits?

Adobe is committed to the continued support of its valued customers, even as we look at retiring older generation software. The reality is that moving to LiveCycle Output ES isn't like a typical upgrade; it involves migrating templates, scripts, and other aspects of your implementation. Because we realize this transition is not necessarily quick or easy, we've created an extensive migration program to address the diverse needs of our many clients. Benefits include:

- LiveCycle Output ES license exchange — free or as a trade-up for customers on Platinum support
- Overlapping support — for both Central and LiveCycle Output software during the migration period, subject to the terms of a migration agreement
- Extended notification — With the release of Central 5.7 and Web Output Pak 2.0.7, support for Central will be available through June 2016, giving you time to move to LiveCycle Output ES while working within your organization's usual IT renewal cycle
- Migration guide and tools — providing access to a range of migration tools and documentation, including the Central Migration Bridge
- Consulting services — available through Indigo Pacific professional services.

### Which Central Output Server family products are eligible for a LiveCycle Output ES migration?

The following chart summarizes the target migration path for Central Output Server family products:

Your product	Migrate to
Central Pro Output Server <sup>1</sup>	LiveCycle Output ES
Central Output Server <sup>1</sup>	LiveCycle Output ES
Central Workstation1	LiveCycle Output ES
Web Output Pak <sup>1</sup>	LiveCycle Output ES
Output Pak for mySAP.com® <sup>2</sup>	No LiveCycle equivalent; investigate SAP NetWeaver
Output Manager	No LiveCycle equivalent
Output Designer	LiveCycle Designer ES <sup>3</sup>

<sup>1</sup> LiveCycle Output ES runs on Java™ application servers using industry-standard operating systems including Windows®, AIX®, Solaris™, and Linux®; HP-UX and OS/400® are not supported, but customers who hold Platinum support contracts can exchange to a supported platform.

<sup>2</sup> Output Pak for mySAP.com customers are encouraged to investigate SAP NetWeaver as their next-generation standard. Adobe LiveCycle technology is embedded in NetWeaver, supporting comparable output functions. In addition, NetWeaver includes SAP® *Interactive Forms* software by Adobe.

<sup>3</sup> Output Designer has no exchange value by itself. LiveCycle Designer ES is included with LiveCycle Output ES. Licensees of Output Designer are encouraged to continue using the software during the migration period.

### **What are the key capabilities of Adobe LiveCycle Output ES?**

- Automatically generate personalized documents in PDF, PDF/A, PostScript®, and PCL, as well as Zebra, Intermec, Datamax, or Tec Toshiba label formats on-demand or in batch mode.
- Quickly design and maintain templates or template fragments, define business logic, and preview jobs with award-winning *LiveCycle Designer ES* software.
- Easily assemble customized document packages from new or existing PDF files.
- Enable unattended PDF printing.
- Support conversion of PDF files to PDF/A or image formats, including multipage TIFF.
- Easily orchestrate document delivery via print, e-mail, or the web with *LiveCycle Workbench ES*.
- Protect electronic document confidentiality and authenticity with PDF document encryption.
- Integrate with other LiveCycle ES solution components such as LiveCycle Forms ES, LiveCycle Rights Management ES, or LiveCycle Process Management ES to extend your business processes.

### **What are the key benefits of LiveCycle Output ES in combination with LiveCycle ES?**

- Easily orchestrate long-lived processes that extend beyond the firewall, with support for best-of-breed electronic processing including interactive forms, business process management, certified document delivery, and digital rights management.
- Reduce the cost of output development, maintenance, and support by taking advantage of the standards-based LiveCycle development environment and robust developer program.
- Standardize on a single design environment to support a wide range of interactive, on-demand, and batch output processes.
- Expand your capabilities with more secure, interactive solutions such as eStatements or iStatements, correspondence management, and account opening.

### **Does Adobe LiveCycle Output ES offer identical functionality to Central products?**

LiveCycle Output ES is comparable, but not identical, to products in the Central Output Server family. Its robust architecture and extended capability set are designed for organizations that want to make the most of today's best-in-class enterprise architectures and on-demand business processes. We encourage you to discuss the differences with your Adobe representative or reseller before committing to a migration. Here are the key differences. LiveCycle Output ES:

- Is J2EE compatible and runs on Java application servers and industry-standard operating systems including Windows, AIX, Solaris, and Linux; HP-UX and OS/400 are not supported, but customers using these can exchange for a supported platform
- Inherits the strength of the LiveCycle ES environment, including LiveCycle ES Foundation and LiveCycle Workbench ES. The Foundation is the LiveCycle job execution and integration environment, corresponding to the Central Job Management Database. It supports watched folders and e-mail delivery, which are similar to the collector directory and e-mail agent. It also supports today's best-of breed invocation methods such as web services, Java APIs, and LiveCycle ES process orchestration.
- Leverages award-winning LiveCycle Designer ES to create and manage XML document templates and template fragments
- Adds new capabilities including PDF document assembly as well as PDF conversion, including PDF-to-PDF/A, the ISO standard for archiving
- Provides editable rather than preconfigured print device profiles, known as presentment targets or ICS files; generic profiles are edited to customize finishing options such as stapling, duplex print, and paper tray selection
- Approaches fax integration differently, using the process orchestration tools in LiveCycle Workbench ES rather than preconfigured device profiles
- Accepts XML data input only. Text and field nominated data (DAT) formats are not supported. Similarly, there is no equivalent for the Central Transformation agent and Visual Transformation Editor for ASCII data file transformation.
- Does not support certain output methods including PCL6, Windows drivers, or Monarch label formats
- Provides somewhat lower document formatting performance per CPU, but provides ready access to parallel document formatting to process jobs more quickly and efficiently; higher volume output requirements are addressed with CPU scaling and clustering.

### **Can I get a trial version of LiveCycle Output ES?**

Yes, you can download LiveCycle Output ES — along with all the other solution components — as part of the *Adobe LiveCycle ES trial*.

### **How long will Adobe support Central Output Server family products?**

The Central Output Server family is scheduled for end-of-life in June of 2016. Following Adobe enterprise support policies, customers on any Central version 5.7 or Web Output Pak 2.0.7 will be able to purchase core support contracts through June 2014 and extended support contracts through June 2016. Support services will remain consistent with previous generations, including access to technical support resources, software patches, and any third-digit software updates (for example, 5.7.x) that may be released.

### **How long will Adobe continue to sell Central Output Server family products?**

Version 5.7 generation products will be available for sale through June 2016, making it possible to purchase new licenses or expand existing installations as needed to support immediate business requirements. Version 5.7 generation products are defined as Central Pro Output Server 5.7, Output Pak for mySAP.com 5.7, Output Designer 5.7, and Web Output Pak 2.0.7.

### **How do I qualify for free or trade-up licenses of LiveCycle Output ES?**

If your organization purchased Central licenses before the introduction of LiveCycle Output ES on June 4, 2007, and has a current Platinum support contract, you are eligible to exchange your software for a similar configuration of LiveCycle Output ES software at no cost. Organizations that purchased on or after June 4, 2007, are eligible to trade up for a price equal to the difference between the two products. Your organization will be asked to sign a migration agreement that defines the exchange quantities, the overlapping support period, and the timeframe for retirement of your Central software. Migration exchange scenarios for Central Output Server family licensees vary. Contact your Adobe representative or reseller to evaluate your specific implementation.

### **How does migration affect my annual Platinum support contract price?**

If your organization purchased Central licenses before June 4, 2007, there will be no change to the pricing terms of your contract. Normal uplift rules will apply at the end of each year. If your organization purchased its licenses on or after June 4, 2007, you will pay an additional amount equal to 20% of your license trade up fee.

### **Are there other costs associated with the migration?**

Yes. We recommend that you reserve internal resources and/or budget for consulting services to support the migration.

### **What are the technical implications of the migrating to LiveCycle Output ES?**

Document templates need to be converted and new methods are needed to integrate into enterprise systems. LiveCycle Output ES accepts only XML data input, for instance. A template conversion tool is included that converts templates created in Output Designer to LiveCycle Designer ES. Templates created using the standard Output Designer tools typically convert easily and accurately. If you modified the preamble to customize your implementation, however, you will need to rework these aspects manually. Similarly, integration points previously handled by the Job Management Database will need to be migrated to the LiveCycle J2EE environment.

### **What is the Central Migration Bridge and how does it help the migration process?**

The next generation<sup>1</sup> of LiveCycle Output ES will include a set of LiveCycle Workbench services collectively known as the Central Migration Bridge. With it, you'll be able to run both old and new business applications on the same server during the migration period. The services provide access to the core capabilities of Central so that existing data sources, Output Designer templates, and transformation scripts can be used in a LiveCycle context. It will enable a phased migration as follows:

1. Move existing form templates and data transformation scripts to the new LiveCycle server.
2. Develop processes in LiveCycle Workbench using one of the four available Central Migration Services:
  - centralMerge — running jfmerge.exe (Central Print Agent)
  - centralTran — running jftrans.exe (Central Transformation Agent)
  - centralXMLImport — running xmlimport.exe (Central XML Import Agent)
  - centralDataAccess — providing access to selected data in DAT files from within LiveCycle Workbench
3. Modify your existing enterprise applications to invoke LiveCycle processes, rather than Central ones.
4. Decommission your previous standalone configurations of Central software.
5. Convert Output Designer templates and non-XML data sources one application at a time, over a comfortable period of time.

<sup>1</sup>Contact your Indigo Pacific Account Manager or Customer Care to confirm availability of the next-generation version of LiveCycle Output ES, which includes the Central Migration Bridge.

**Do I need to upgrade to take advantage of the Central Migration Bridge?**

Yes. The Central Migration Bridge is designed to work with Central Pro 5.7.

**Do I need to sign a migration agreement to take advantage of the Central Migration Bridge?**

Not necessarily. The migration agreement is required only for customers who qualify for a free or trade-up license of LiveCycle Output ES. If you purchase both Central Pro 5.7 and LiveCycle Output ES separately, you will also be able to take advantage of the Central Migration Bridge.

**How can I learn more about the migration process?**

We recommend that you begin by reading the *Adobe Central Output Server Migration Guide*. This guide is designed for technologists who have experience building document generation and print solutions with the Adobe Central Output Server family of products and are considering a migration to Adobe LiveCycle Output ES. It compares the capabilities of the two product lines, describes varying migration scenarios, identifies potential issues, and recommends best practices to help developers migrate their applications. If you would like to have the assistance of expert services, Adobe and a number of solution partners have consulting services available to assist your enterprise throughout the process.

**How do I get started?**

To begin the migration process, contact your Indigo Pacific Account Manager or Customer Care to discuss the right option for you.