Adobe® LiveCycle® Output ES4

Dynamically generate personalized documents on demand

Product summary

Adobe LiveCycle Enterprise Suite 4 (ES4) is a document and forms platform that helps you capture and process information, deliver personalized communications, and secure and track sensitive information.

Output format support

- PDF, PDF/A
- PostScript,® PCL

Label printer support

- Datamax
- Intermec
- TOSHIBA TEC
- Zebra

PDF file assembly

- Combine new and existing PDF files and pages to create customized document packages
- Add headers and footers, page numbering, tables of contents, and more

PDF file conversion

- PDF to PostScript for direct server-based printing
- PDF to PDF/A for archiving
- PDF to TIFF, JPEG, or PNG image formats for archiving

Improve customer satisfaction and complete transactions faster with on-demand creation of statements, correspondence, confirmation letters, bids, shipping labels, and more. With the Adobe LiveCycle Output module, you can merge XML data from back-end systems to generate dynamic, personalized documents and labels.

Meet demanding personalization and compliance requirements

Designed to meet the demands of enterprise applications, Adobe LiveCycle Output lets you generate multiple documents from a single data stream, merge them to create a single document, or assemble them in a PDF document package or PDF Portfolio. Documents can be sent to network printers using a variety of popular print submission methods. Printed documents can use printer features, including two-sided printing, paper stock selection, and stapling. You can also generate companion metadata files for document integration and statistics. For example, metadata from an incoming XML file, such as fax or account numbers or the number of pages in the formatted document, can be captured at runtime.

Streamline template and process development

LiveCycle Output comes with Adobe LiveCycle Workbench ES4, an Eclipse based integrated development environment (IDE) that allows developers, designers, and business analysts to work together collaboratively. It also comes with the Adobe LiveCycle Foundation software, which enables the deployment, execution, and management of Output processes as well as those of other LiveCycle ES4 modules.

LiveCycle Workbench ES4 makes it easy for development teams to orchestrate people, systems, content, and business rules into powerful process flows that include Output, such as fulfilling an online request for a quote. Using the Process perspective in Workbench, business analysts can visually create process maps using swimlanes and activities following common modeling methodologies or drag and drop already created processes to implement specific activities.

Adobe LiveCycle Designer ES4 provides a robust and intuitive layout tool, allowing developers and business experts to create templates with layouts that dynamically adjust when merged with XML data. Dynamic adjustment helps ensure that documents accommodate the volume of merged data by including or excluding design elements, growing to create space for data, and paginating automatically.

Designer also simplifies the creation and maintenance of large collections of templates and fragments, storing them in the centralized LiveCycle ES4 repository. Fragments are reusable components, such as a corporate letterhead or address blocks used on multiple templates. Any time a fragment is updated, the templates that reference it are automatically updated, minimizing maintenance costs associated with template libraries.

System requirements

Adobe LiveCycle ES4 supports market-leading operating systems, web application servers, and databases. For platform support and system requirements, visit *www.adobe.com/go/lc_systemreqs.*

Central migration bridge

LiveCycle Output ES4 allows existing Adobe Central Pro Output Server data transformations and Adobe Output Designer template merges to be integrated within the LiveCycle platform, extending the ROI of legacy Adobe document output applications and easing migration to LiveCycle ES4.

Related LiveCycle modules

- Forms Standard or Forms Pro
- Rights Management
- Digital Signatures
- Process Management

For more information

www.adobe.com/livecycle

Assemble personalized PDF document packages and PDF Portfolios

Output makes it easy to assemble, disassemble, and manipulate PDF documents. Dynamic XDP assembly capabilities even let you build custom XML templates from separate templates and fragments for truly customized document generation.

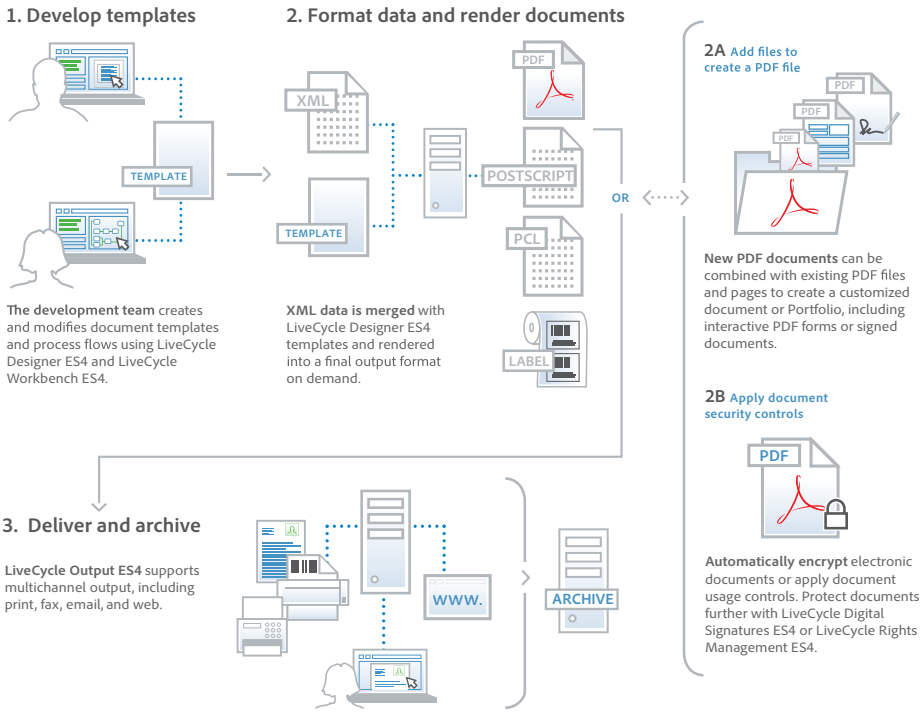
You can also apply consistent pagination, indexing, resizing, headers and footers, and tables of contents across all documents in a package. Insert or delete individual pages, all according to your personalized communications requirements. When Output is integrated with Adobe LiveCycle Forms Standard ES4 or Adobe LiveCycle Forms Pro ES4, you can include interactive forms as part of the PDF Portfolio.

You can also automate the creation of Adobe Flash® technology–based interactive PDF Portfolios on the server and integrate them with core applications, process automation, and content management solutions.

Archive complex documents with ease

Your organization can streamline archiving processes by generating PDF/A files from Output templates at the end of a process or by converting existing PDF files to image or PDF/A formats. PDF/A is the ratified ISO standard for long-term archiving of digital records. Output can transform large quantities of PDF documents to image formats, including multipage TIFF, JPEG, JPEG 2000, and PNG. It can also convert PDF documents, AcroForms, or LiveCycle interactive forms into PDF/A-1b, with a validation step that first checks compliance with the standard and then converts the file if necessary. To preserve digital signatures, Output works in conjunction with Adobe LiveCycle Digital Signatures ES4 to capture signature validation information in the document's metadata and then insert an image of the validated signature before converting the PDF form to PDF/A-1b.

LiveCycle Output ES4 process overview



LiveCycle Output ES4 streamlines the generation of dynamic electronic and print documents on demand.

Adobe Systems Incorporated
345 Park Avenue
San Jose, CA 95110-2704
USA
www.adobe.com

Adobe, the Adobe logo, the Adobe PDF logo, Flash, LiveCycle, and PostScript are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. All other trademarks are the property of their respective owners.

© 2013 Adobe Systems Incorporated. All rights reserved. Printed in the USA.

91078890 4/13