

ADOBE® LIVECYCLE® OUTPUT ES

Dynamically generate personalized documents on demand in electronic and print formats



Adobe LiveCycle Output ES

Output format support:

- PDF, PDF/A
- PCL
- PostScript
- Zebra label format

PDF assembly:

- Combine new or existing PDF files or pages to create customized document packages
- Include existing interactive forms or signed documents
- Add headers and footers, page numbering, tables of contents, and more

PDF 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

System requirements

Adobe LiveCycle ES supports market-leading operating systems, web application servers, and databases. For platform support and system requirements, visit www.adobe.com/products/livecycle/systemreqs.html.

Meet demanding personalization and compliance requirements

Improve customer satisfaction and complete transactions faster with on-demand creation of e-statements, correspondence, confirmation letters, bids, shipping labels, and more. With LiveCycle Output ES, you can merge XML templates with data from back-end systems to generate dynamic, personalized documents in PDF, PostScript®, PCL, or Zebra label formats. Designed to meet the demands of enterprise applications, you can generate single documents, each from specific LiveCycle Designer ES templates; a group of documents from one template; or a document package that uses multiple LiveCycle Designer ES templates. You can produce 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 a document, can be captured at runtime.

Assemble personalized PDF document packages

LiveCycle Output ES makes it easy to assemble, disassemble, and manipulate PDF documents. Combine newly created PDF documents with files or pages stored in LiveCycle Content Services ES or your existing document repository to create a single PDF package. You can apply consistent pagination, indexing, resizing, headers and footers, and tables of contents across all documents in a package. You can also insert or delete individual pages, all according to your personalized communications requirements. When LiveCycle Output ES is integrated

with LiveCycle Forms ES, you can include interactive forms as part of the PDF document package.

Streamline template and process development

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

The template design tool, LiveCycle Designer ES provides robust and intuitive layout tools, 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.

LiveCycle Designer ES simplifies the creation and maintenance of large collections of templates or fragments, storing them in the centralized LiveCycle ES 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 also automatically updated, minimizing maintenance costs associated with template libraries.

Adobe LiveCycle ES

Adobe LiveCycle ES (Enterprise Suite) software is an integrated server solution that blends data capture, information assurance, document output, process management, and content services to help you create and deliver rich and engaging applications that reduce paperwork, accelerate decision-making, and help ensure regulatory compliance.

Related products

- LiveCycle Production Print ES
- LiveCycle Forms ES
- LiveCycle Rights Management ES
- LiveCycle Digital Signatures ES
- LiveCycle Process Management ES
- LiveCycle Content Services ES

LiveCycle Workbench ES makes it easy for development teams to orchestrate people, systems, content, and business rules into powerful process flows that include LiveCycle Output, such as fulfilling an online request for a quote. Using the Process perspective in LiveCycle Workbench ES, 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.

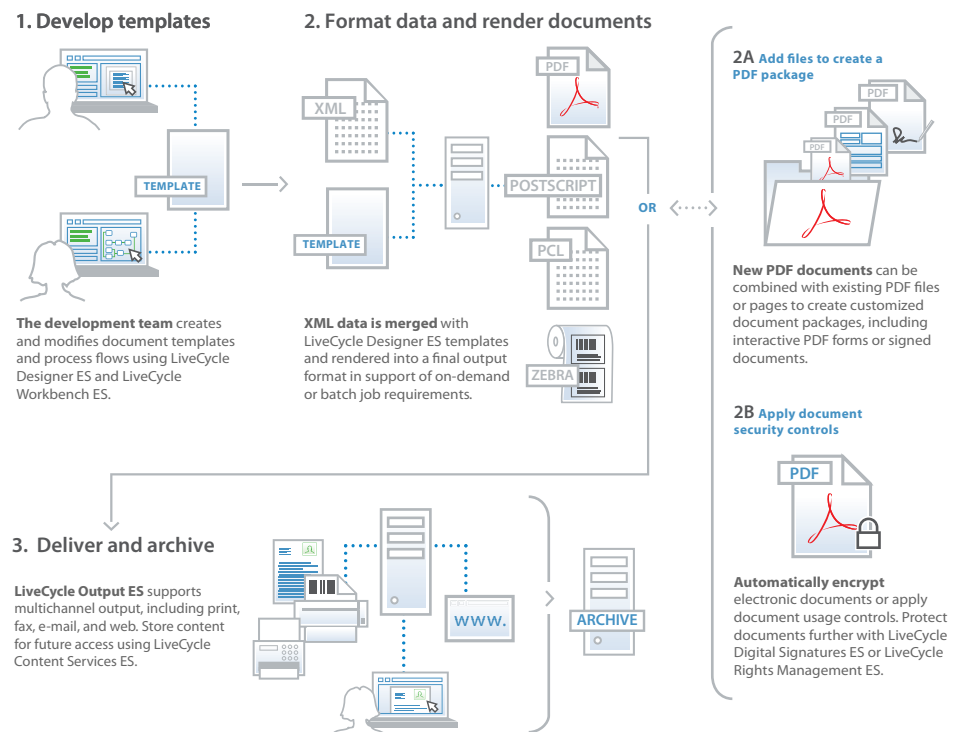
Archive complex documents with ease

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. LiveCycle Output ES 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 XFA forms into PDF/A-1b, with a validation step that first checks compliance with the standard and then converts the file if necessary. And to preserve digital signatures, LiveCycle Output ES works in conjunction with LiveCycle Digital Signatures ES 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 ES streamlines the generation of dynamic electronic and print documents for on-demand or batch job requirements.

LiveCycle Output ES process overview



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For more information

For more details about Adobe LiveCycle Output ES, visit www.adobe.com/products/livecycle/output.

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