Adobe® LiveCycle® Output ES2

Dynamically generate personalized documents on demand

Product summary

Adobe LiveCycle Enterprise Suite 2 (ES2) is a software suite that extends the value of existing back-end systems by engaging users with collaborative rich Internet applications (RIAs) and guided forms, streamlining internal processes, managing correspondence, and strengthening information and document security.

Output format support:

- PDF, PDF/A
- PostScript®, PCL

Label printer support:

- Datamax
- Intermec
- TOSHIBA TEC
- Zebra

PDF file assembly:

- Combine new or existing PDF files or pages to create customized document packages
- Create Flash technology–based interactive PDF Portfolios
- 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 ES2 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 ES2 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

Output ES2 comes with Adobe LiveCycle Workbench ES2, 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 ES2 processes as well as those of other LiveCycle ES2 modules.

The template design tool, Adobe LiveCycle Designer ES2 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 ES2 simplifies the creation and maintenance of large collections of templates or fragments, storing them in the centralized LiveCycle ES2 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 the maintenance costs associated with template libraries.

LiveCycle Workbench ES2 makes it easy for development teams to orchestrate people, systems, content, and business rules into powerful process flows that include Output ES2, such as fulfilling an online request for a quote. Using the Process perspective in Workbench ES2, 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.

Central migration bridge

LiveCycle Output ES2 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 ES2.

System requirements

Adobe LiveCycle ES2 supports market-leading operating systems, web application servers, and databases. For platform support and system requirements, visit *www.adobe.com/products/livecycle/systemreqs.html*.

Related LiveCycle modules

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

Assemble personalized PDF document packages and PDF Portfolios

Output ES2 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.

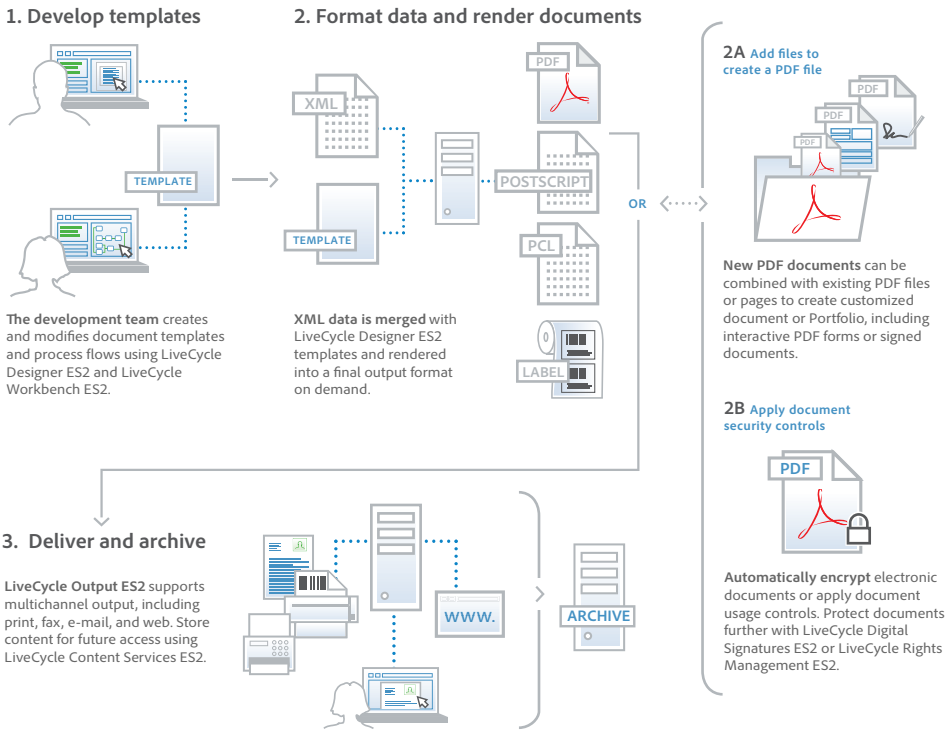
You can also apply consistent pagination, indexing, resizing, headers and footers, and tables of contents across all documents in a package. Insert or delete individual pages, all according to your personalized communications requirements. When Output ES2 is integrated with Adobe LiveCycle Forms ES2, you can include interactive forms as part of the PDF Portfolio.

With the ES2 release, you can now automate the creation of 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 ES2 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 ES2 works in conjunction with Adobe LiveCycle Digital Signatures ES2 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 ES2 process overview



LiveCycle Output ES2 streamlines the generation of dynamic electronic and print documents on demand.

For more information

Product details: *www.adobe.com/products/livecycle/output.*

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