Adobe® LiveCycle® Reader® Extensions ES4

Do more with PDF forms and documents

Product summary

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

Key capabilities

With Adobe LiveCycle Reader Extensions ES4, your organization can add usage rights to PDF documents and forms to turn on hidden features in Adobe Reader.

- Enable users to fill in, sign, and save PDF forms
- Capture form data with 2D barcodes that are updated dynamically as data is entered
- Empower users to authenticate documents by adding digital signatures to PDF documents or forms
- Allow users to interact with PDF documents offline and submit them electronically on reconnection
- Exchange data with back-end systems through web services integration

The Adobe LiveCycle Reader Extensions module extends document- and form-based processes outside your organization to better engage with customers, partners, constituents, and colleagues, expanding the value of your investments in enterprise applications. You can activate functionality in Adobe Reader software to allow users to fill in, sign, comment on, and save PDF files. Also eliminate manual entry of form data by exchanging electronic data with back-end systems through web services integration or by capturing form data with embedded barcodes that are updated dynamically as users enter their information.

LiveCycle Reader Extensions provides organizations with numerous capabilities, including the following.

Extend business processes—The ubiquity and flexibility of Adobe Reader extends the reach of your processes beyond the enterprise, while LiveCycle Reader Extensions enables special functionality that empowers respondents to be an active part of your key business processes. Internal and external parties can do more than simply view, fill in, and submit documents and forms electronically; they can add comments, dynamically embed data in barcodes, save data locally, and leverage web services—without requiring additional costly software.

Reduce form-processing costs and errors—Eliminating paper-based processes by moving them online cuts the time and money your organization spends printing, distributing, processing, and archiving documents. Reader Extensions comes with a variety of LiveCycle services that can embed PDF files with content and data from key applications and perform calculations and validations to create powerful intelligent documents and forms. With electronic forms, there is no need for your employees to reenter data manually, thus reducing errors and processing costs.

Improve collaboration—Expand document review processes to include extended team members without worrying about maintaining compatible platforms or mandating that customers and partners purchase proprietary or expensive client software. By offering an avenue for returning their comments and form data to key applications via SOAP-based interfaces, Reader Extensions further leverages existing investments in critical applications and processes. With this level of collaboration, your organization can help ensure that product designs, business plans, and legal documents efficiently and accurately incorporate input from all key parties—even vendors and customers.

Author, update, and decode 2D barcoded forms—Reader Extensions leverages industry-standard technology to author, update, and decode 2D barcoded, fillable PDF forms. The 2D barcode encodes user-supplied information in real time while the user fills in the form. 2D barcodes provide significantly higher data capacity than a typical 1D barcode. When the form is printed and submitted by fax or mail, you can use the Reader Extensions barcode decoder to efficiently and automatically read the barcode and send the extracted user-supplied form data along in the next step of your process.

Improve security, archiving, and compliance—Respondents can authenticate and digitally sign their documents before returning them, increasing their confidence and satisfaction while preserving sensitive information. PDF allows easy and low-cost indexing, archiving, and retrieval of important documents, including new data provided by respondents. With its ability to retain the visual format of original paper documents, PDF enables regulated industries and government agencies to conduct business using electronic documents, while helping to ensure that all forms, contracts, and documents meet strict regulatory guidelines.

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*.

Related LiveCycle modules

- Forms Standard or Pro
- Process Management

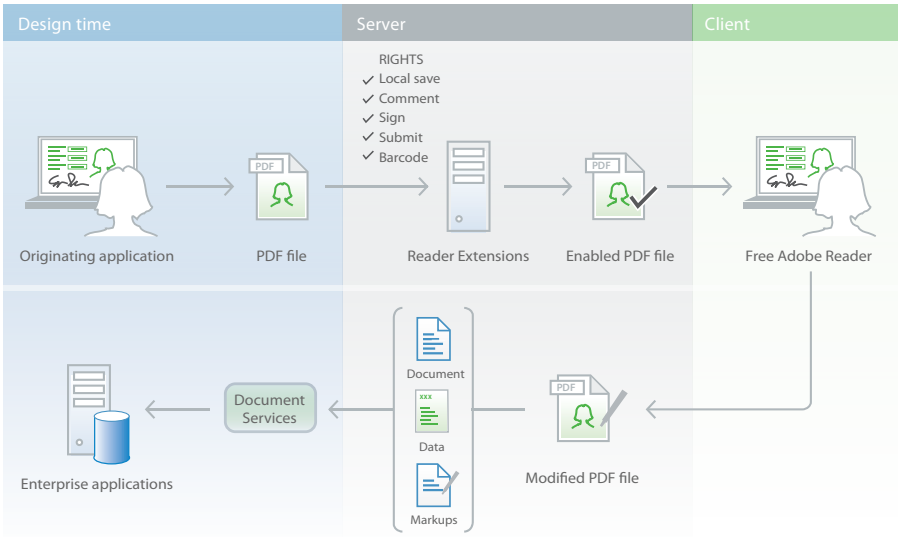
For more information

www.adobe.com/livecycle

Users interact easily using free Adobe Reader

With Reader Extensions, customers, partners, constituents, and colleagues can view and interact with PDF forms and documents online or offline. They can:

- Fill in form fields onscreen and dynamically store information in the 2D barcode
- Authenticate and digitally sign documents and forms
- Add comments using intuitive markup tools like sticky notes, highlighting, text strikethrough, stamps, file attachments, and more
- Submit the completed document or form electronically using web services
- Save the completed file on their local hard disk



Deployment overview of LiveCycle Reader Extensions

1. During the design phase, a PDF file is generated using one of the LiveCycle ES4 modules, Adobe Acrobat® software, or another application.
2. The appropriate usage rights are assigned to the document, set individually by a single document creator or executed automatically based on predefined business rules governing a larger workflow.
3. The PDF file is made available to respondents via the Internet as an email attachment or by posting it on a website. The website can be publicly available, or it can be a secure site accessible only to authorized customers, partners, or constituents possessing an approved password.
4. Respondents open the file in Adobe Reader. They can complete a form or document review online, or they can save it locally, interacting with it offline and returning it at their convenience.
5. Documents or forms returned electronically are routed to a predefined location (usually the point of origin) complete with the newly embedded data or markups. Commented documents are typically routed to review workflows, while form-based processes extract data to update back-end systems and kick off the next step in a workflow. Optionally, just the form or markup data can be returned, reducing the packet size on the network.
6. Paper forms returned by fax or mail are routed to a processing center that uses a barcode decoder to extract the user-supplied form data and kicks off the next step in the workflow.

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