Adobe® LiveCycle™ Document Security

Enhance the security of sensitive information—within and beyond the enterprise

You need to extend essential business processes to customers, partners, and suppliers. But how do you automate these key processes with greater confidence that documents maintain their authenticity, integrity, and privacy?

USE ADOBE LIVECYCLE DOCUMENT SECURITY TO:

- Save time and expense by signing and certifying PDF documents on the server
- Encrypt and decrypt documents to increase confidentiality
- Improve performance and enhance security through integration with Hardware Security Modules (HSM)

Automate business processes more securely

Adobe LiveCycle Document Security software enables your business to bring paper-based business processes online by providing digital signature and encryption capabilities in a server environment. With Adobe LiveCycle Document Security, you can more securely automate essential business processes that previously relied on expensive and time-consuming paper-based documents and physical delivery, helping to increase employee productivity and customer satisfaction. Use Adobe LiveCycle Document Security to:

- Enhance the authenticity, integrity, and confidentiality of documents
- Assist in meeting corporate and government regulatory requirements
- Leverage existing investments in public key infrastructure (PKI) implementations and digital certificates

Enhance the authenticity and integrity of documents

With Adobe LiveCycle Document Security, your organization can process large volumes of digitally signed and certified Adobe PDF documents in batch or bulk—on the server—saving time and expense. Before a transaction is processed, LiveCycle Document Security checks whether a document has been altered and was approved by the correct person, validating the authenticity and integrity of content as well as the signer's digital identity.

Assist in meeting regulatory requirements

With Adobe LiveCycle Document Security, you can incorporate electronic forms and documents into existing business processes—while doing more to meet regulatory requirements for information security and privacy. When Adobe LiveCycle Document Security receives an Adobe PDF document, it opens the document and validates it based on the signature status, enhancing the security of all documents—even those sent or received from beyond the enterprise firewall.

Leverage existing IT investments

Adobe LiveCycle Document Security allows organizations that have deployed a PKI or smart-card solution to leverage these existing technology investments to encrypt and decrypt documents. Using Adobe LiveCycle Document Security, you can encrypt system-generated documents for distribution and automatically decrypt submitted documents, helping prevent unauthorized individuals from reading document content. Adobe LiveCycle Document Security also provides bulk digital signature capabilities for Adobe PDF documents using Hardware Security Modules (HSMs) for high-performance cryptographic functions.

Built on J2EE and XML, Adobe LiveCycle software easily integrates into enterprise infrastructures through Java API and support for Web services. Adobe LiveCycle can be deployed on IBM® WebSphere®, BEA WebLogic, and JBoss application servers.

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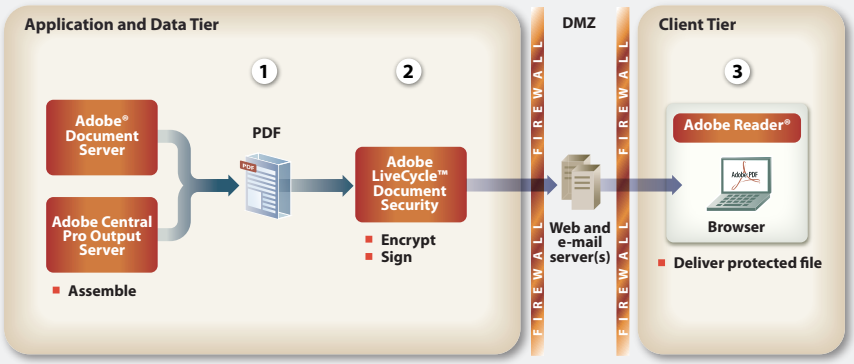
SYSTEM REQUIREMENTS

Adobe LiveCycle software supports market leading operating systems, Web application servers, and databases. For product-specific platform support and system requirements please visit: *www.adobe.com/products/server/securityserver/main.html*.

FOR MORE INFORMATION

To learn more about Adobe LiveCycle Document Security and the complete line of Adobe LiveCycle products, visit *www.adobe.com/products/server.*

Certified document publishing



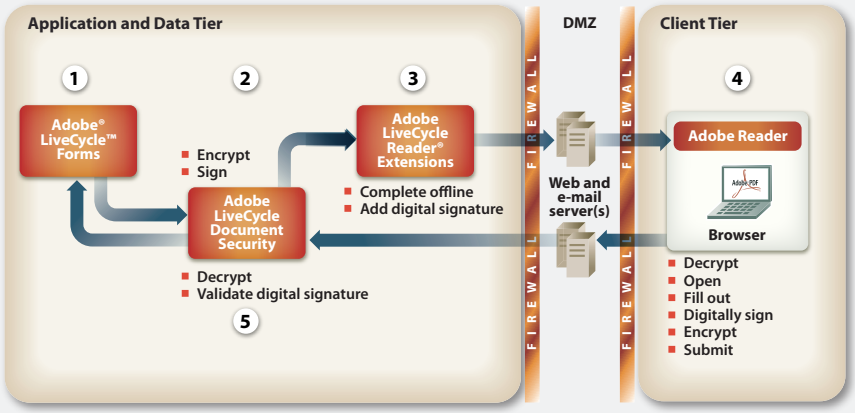
This diagram offers a simplified view of the certified document publishing capabilities of Adobe LiveCycle Document Security in an enterprise environment. Examples of documents to be certified might include an investment bank report or a government hearing transcript.

Step 1. Anyone creates an Adobe PDF document with Adobe Document Server, Adobe Central Pro Output Server, Adobe LiveCycle Forms, or any member of the Adobe Acrobat® family of products.

Step 2. Adobe LiveCycle Document Security helps preserve the integrity and authenticity of the document by digitally signing and encrypting it before sending it to the recipient.

Step 3. Only the intended recipient(s) can open the document in Adobe Reader®. The recipient validates the authenticity of the document using the recognizable digital certificate.

More secure information processing



This round-trip workflow example illustrates the protected information processing capabilities of Adobe LiveCycle Document Security in an enterprise environment.

Step 1. An administrator deploys a PDF form using Adobe LiveCycle Forms.

Step 2. Adobe LiveCycle Document Security helps preserve the integrity and authenticity of the document by digitally signing and—if it has been prepopulated with sensitive information—encrypting the form.

Step 3. Adobe LiveCycle Document Security sends the form to Adobe LiveCycle Reader Extensions to apply usage rights. These usage rights provide users of free Adobe Reader software the ability to complete and save the form offline, as well as sign, certify, and authenticate it using industry-standard technologies and PKIs. A standard Web or e-mail server then sends the form to the recipient to open or decrypt with a smart card or other PKI solution and Adobe Reader.

Step 4. The recipient receives the form and opens it in Adobe Reader, completes the required information, and then digitally signs the form. If the form arrived encrypted, Adobe Reader re-encrypts the form before it is submitted back to Adobe LiveCycle Document Security.

Step 5. Adobe LiveCycle Document Security decrypts the data and determines whether the form has been altered and was approved by the correct person. This step validates the authenticity and integrity of the document as well as the signer's digital identity. Adobe LiveCycle Document Security then passes the information back to Adobe LiveCycle Forms to extract the data from the form to enter into or update the appropriate enterprise systems.

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