



SOLUTION BRIEF

Adobe Tools for Developers and Amazon Web Services (AWS)

Create automated, scalable and secure document workflows with Adobe and AWS

Intelligent document processing tools to power your mission-critical workflows

With Adobe PDF Services API, developers can quickly create automated, scalable, and secure document workflows leveraging AWS services. Create and manipulate PDFs with more than a dozen cloud-based APIs to selectively extract useful information while retaining context and styles, making that information more available, searchable, and compliant.

There are more than fifteen different PDF and document manipulation APIs to build custom end-to-end agreements, content publishing, data analysis workflow experiences, and more. These integrate with Adobe Sign to quickly and easily complete these agreement workflows with signatures.

Access to powerful artificial intelligence (AI) and machine learning (ML) capabilities from AWS paired with Adobe PDF Services enable more intelligent and seamless document processes to streamline and optimize your mission-critical workflows. Sales orders, for example, can be created in your ERP system using the purchase order information from a Word or PDF document. Additional AWS AI services like Amazon Kendra Intelligent Search Service, a natural language search function, can locate the correct PDF across multiple locations and content repositories within your organization and help organizations centralize access to knowledge.



In collaboration with



Adobe Developer Tools and AWS Benefits:

- Extract useful information from PDF documents, including context and styles, to leverage everywhere
- Transform PDFs with capabilities to create, OCR, combine, and export to formats like Microsoft Word
- Unlock valuable content from within PDFs and transform into other formats to automate data input workflows
- Dynamically generate PDF and Word documents based on JSON data
- Embed PDF viewing experiences into web applications
- Non-developers can easily build scalable document workflows
- Developers can easily access AWS services to automate formerly manual processes
- Auto-generate PDFs from Word documents stored in Amazon S3



Adobe Tools for Developers help streamline mission-critical workflows:

Sales proposals and contracts: While much proposal content is reusable (firm capabilities, team profiles, statement of work terms), important deal specifics, such as customer information, project scope, and pricing, need to be added and can be easily automated with Adobe Sign and AWS.

Legal contracts: Legal contracts require inputs from multiple stakeholders, such as agents, legal resources, and business managers. In many cases, these contracts require company branding, conditions and clauses, and data from various sources, such as custom pricing and terms.

Example of an intelligent document process created with Adobe Tools for Developers and AWS:

1. A JSON data model will be built within the application using available data from a database.
2. Using the JSON data model, developers can upload it to the legal contract template using the Adobe Document Tagger to create custom data fields.
3. The data fields that are uploaded will be used to map the developer's custom data fields to the template.
4. Conditional logic, calculations, and repeating elements will be placed in areas of the template to create further customization based on data inputs and logic.
5. Insert Adobe Sign text tags in the template to generate document output ready to be consumed by Adobe Sign.
6. Developers send both the Word template and JSON data input file to Adobe Document Generation API and receives a PDF file back.
7. The PDF file can be embedded in the application for review and approval with Adobe PDF Embed API.

[Learn more](#) about Adobe Tools for Developers and AWS