

Rapid **RENDER**

whitepaper



Datum Solution RapidRENDER is a powerful, flexible and reliable solution to convert quickly and efficiently several file types to PDF

Table of contents

- Overview
- Why do you need RapidRENDER?
- Advantages of RapidRENDER
- Features and Functions
- Solution Benefits
- Technical Attributes
- Typical Use Cases

Overview

Organizations dependency on electronic content continues to grow, with a continuous increase in digital content stored on their platforms. Content stored can differ in format depending on the business need, in some cases format can be unique to an operating system or a user preference. These variation lead to failure in viewing files, delay in content access, installation of unapproved software, security risks and additional licensing cost for software to certain file types.

In most cases content needs to be shared between applications and delivered to internal and external users and auditors. Organizations need a way to deliver content in a controlled and secure format, which is universal to all users, devices and tamper proof. The most preferred and universal format to deliver content, while maintaining the above requirements and others is PDF.

Datum Solutions offers RapidRENDER which provides powerful, flexible and reliable file conversion solution to convert and merge Microsoft Office documents, Images (TIF, TIFF, JPG, JPEG, PNG), Text (TXT and CSV) files and XML to PDF formats quickly, efficiently and standardize format and template for easy and secure archiving, sharing and display. The tool exposes JAVA and REST APIs which allows developers to easily achieve the conversion requirement. RapidRENDER was developed with an intent to provide an efficient and seamless way for organizations and developers to add expert image and document handling capabilities for their internal and web based applications.

Why do you need RapidRENDER?

- Standardization of formats for organizations managing content of multiple types, which will be shared with internal and external users
- Archiving of documents in easily readable and universal format (non-proprietary or application specific)
- Supportability for extensive document format
- Portability and flexibility to be able to view documents and images on any platform or browser



Advantages of RapidRENDER

Document Accessibility

Documents can be accessed on the fly from the Content service repository. No need to duplicate data on local system to access it

Comprehensive Search

The solution can carry forward search strings from Content service repository platform for search within the document dispensing the need to retype the keywords within the document

Fuzzy Search

RapidRENDER returns closest accurate results for a misspelled keyword. It enables the user to perform approximate searches when the keyword is unknown or non-specific

Default Keyword

Users can maintain a default keyword search, when is performed as soon as the document is accessed. The navigation lists all the default keywords in contextual manner for accurate selection

Fast conversion

Rapid document conversion without invoking a print driver or any other external application

Seamless integration

RapidRENDER conversion services can be bundled and made available as part of any application with seamless integration

Increases productivity

The conversion technology increases efficiency, reduces processing time and simplifies the collaboration process

Integration on existing web applications

Enables quick integration for inflight rendering capabilities on existing web applications

Merge documents

Provides the ability to merge multiple documents of different formats

Features and Functions

- Ability to Annotate
- Default keyword search can be managed easily by the user dynamically
- Fuzzy search returns the most relevant search results, even if keywords are misspelled
- It provides ranked search with the most relevant result at the top

Solution Benefits

RapidRENDER is a sensible option for organizations of all sizes due to its economic and qualitative gains.

Short response
time

Shorter response time for users resulting in increased productivity

Contextual
results

Contextual results help locate accurate information quickly

Platform
agnostic

It is platform agnostic and can adapt easily to any existing Content service platform

Scalable

Highly scalable tool with cloud compatible features

Cloud-hosting

Going beyond virtualization and exploiting the strengths of Cloud-hosting services.

Technical Attributes

Application Integration Interfaces

RapidRENDER is easy to integrate into any operating system with series of interfaces. The major ones are as below:

Web service Interface

The Web service interface presents a Json REST interface enabling RapidRENDER to integrate easily with any application

Application Programming Interface (API)

These are components for integrating the service with applications at the programming level. Java interface is provided. The same component are also available for other platforms such as Linux, Mac OS/X, etc.

Typical Use Cases

Searchable Scanned files

RapidRENDER internally uses OCR recognition technology to identify text in image file and embed it in the converted version, thus enabling search functionalities

Embedding Metadata in the Document

RapidRENDER in accordance with PDF/A ISO standard offers metadata embedment in the form of XMP packets in the document

Document Merging

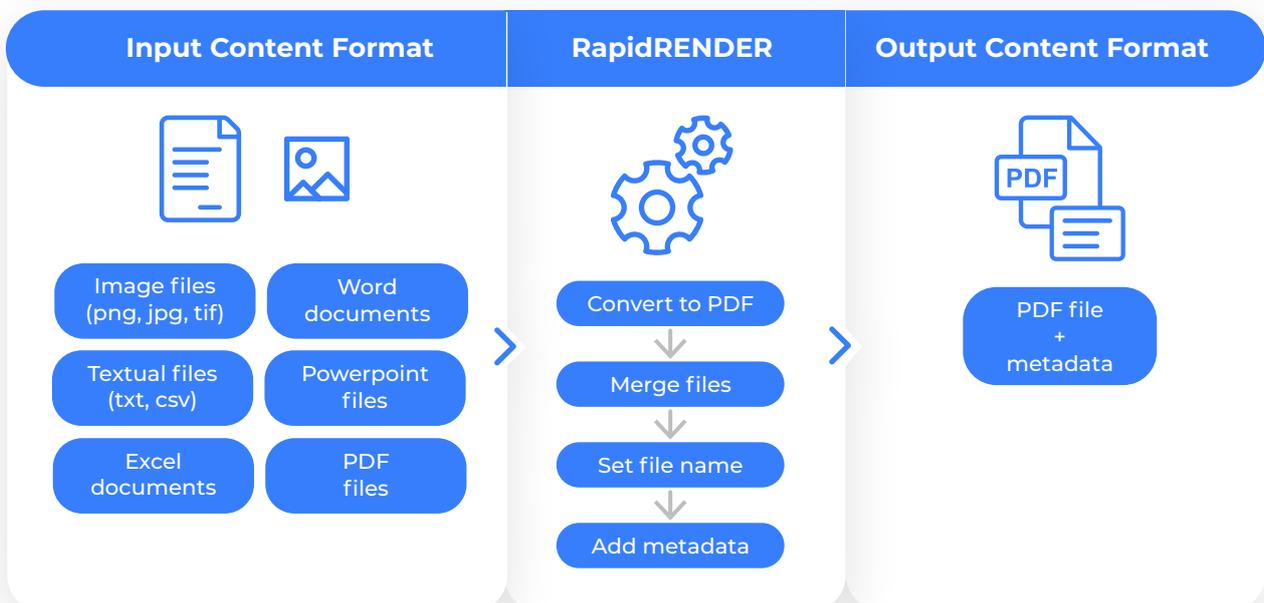
RapidRENDER enables documents of the same business case to be merged into a single file or a collection of files, for e.g. merge correspondences into a single dossier

Document Conversion

RapidRENDER provides the ability to convert files from a large number of formats to PDF or TIFF for access on a number of devices and browsers

Archive Migration

RapidRENDER supports migration of archives containing digital documents in an obsolescent and proprietary format to a new archive that uses the ISO standard PDF format



RapidRENDER workflow

Global Presence



USA

**8520 Allison Point Blvd,
Suite 220**

Indianapolis, IN 46250

Tel: (+1) 317 790 6818

Fax: (+1) 317 863 1071

India - Hyderabad

**KTC Illumination Towers,
Plot#203/204/205/206**

Opposite WestInn Hotel

Madhapur, Hyderabad -

500 081

India - Bangalore

**Datum Cybertech India
Private Limited**

CPS House

23/2 Ulsoor Road, I Floor

Bangalore - 560042

Tel: (+91) 080 40981801

UK

**Suites 9&10 Park House
77-81 Bell Street**

Reigate, Surrey, RH2 7AN

Tel: (+44) (0) 1737 233946

Spain

**Gran Vía de les Corts
Catalanes 145, local**

08014 Barcelona

Tel: (+34) 93 180 70 31

Montenegro

Serdara Jola Piletića Br. 22

Podgorica

Tel: (+382) 67 508 033

Australia

**161 Keilor Road
Essendon VIC 3040**

Serbia

**Vitezova Karađorđeva
zvezde 50
Belgrade**

Tel: (+381) 69 35 25 171

About Datum Solutions

Datum Solutions is a privately held company founded in 2004 and located in Indianapolis, Indiana, USA. Datum Solutions has rapidly expanded its business operations to Europe (UK, Spain and Montenegro) and Asia Pacific (Australia and Singapore, including development and support center in India). Datum provides a group of veteran consultants and strategists globally positioned to assist on any opportunity. Datum specializes in ECM technology systems assessment, software development/re-engineering and technology support services in commercial, health, insurance and government sectors. Datum has become a full service agency which provides assistance to organizations in order to deliver products and services in a timely manner while keeping the information technology implementation costs down. Datum Solutions is an advanced IBM ECM Partner and Reseller as well as PegaSystems Business Partner providing services and support for ECM, BPM, Case Manager, Cloud and Big Data solutions and projects. The Company's delivery model enables us to deliver innovative technology, outsourcing solutions and help you meet your business goals at a great value. Datum maximizes the benefits of its delivery capability, ensuring high adaptability to client needs thus bringing out the most cost-effective and innovative solutions in all fields of business and technology.

Most of these categories include project activities that are carried out to address clients' business needs. The activities are specifically defined for each project based on clients' requirements and needs.

During its presence in the IT industry, Datum has provided services to numerous clients from medium to large scale enterprises. The Company has grown its global team to over 300 consultants/IT professionals working at different locations in the US, UK, Spain, Montenegro, Singapore, Australia, Malaysia, Japan, Mexico and India.

Datum Solutions opens up new horizons for companies in which content management plays a major role. It provides solutions to problems pertaining to business operations along with the focus on cost cutting and time management. Datum facilitates growth for clients by providing a wide range of ECM Cloud (ECM as SaaS), ECM on premises and migration/conversion, software development, ECM staffing and consulting solutions for key elements of strategic framework. Clients also have the possibility to lay out simple and sound business models through Datum Solutions Extended Development Centre (EDC) Model, Extended Support Model, Time & Material Model and Joint Development Venture Model.

Datum's Information Technology Project Solutions services include the following categories:

- Capture, ECM, BPM, Case Management and Cloud Consulting
- Infrastructure – Network and Systems Architecture Design
- Software Deployment and Support Development
- ECM Software Application Support
- Business Process Analysis and Process Automation Testing/QA Services
- Software Re-engineering ECM Support Services Staff Augmentation

Office Address:

Datum Solutions, LLC
410 N Shortridge Road
Indianapolis, IN 46219

Telephone:

(+1) 317 790 6818

Fax:

(+1) 317 863 1071

Email:

info@datumsolutions.net

Website:

www.datumsolutions.net