

# RIPTIDE CONVERSION SERVICES FOR CMOD AND RIPTIDE E-PRESENTMENT



## BACKGROUND

IBM Content Manager On Demand (CMOD) e-presentment services transform print documents stored in CMOD into viewable formats such as PDF. E-presentment services are usually integrated into CMOD by leveraging the CMOD On Demand Web Enablement Kit (ODWEK) API. Documents are rendered into PDF when requested, so that end users and consumers of customer communications can read documents without requiring specialized AFP, line data or image viewers. This 'on demand' e-presentment of content requires that transformation services can scale to support thousands of requests per second.

In addition to transformation during e-presentment, print content may also need to be transformed from AFP, Metacode DJDE, PostScript, PCL and images prior to loading into CMOD to more common viewing formats such as PDF, HTML or XML which are all supported natively by CMOD.

CMOD e-presentment services in the past often used the Ricoh transform engine which was formerly resold by IBM. However, other third party offerings, including Crawford Technologies' own transformation engines have also been extensively deployed with CMOD. From CMOD v9.5 and forward, IBM no longer resells and supports the Ricoh transformation engine. IBM now recommends CrawfordTech Riptide Conversion Services for CMOD as the preferred choice of transform engine for ingestion and e-presentment services. CrawfordTech Transform products are resold by IBM and are in the Passport Advantage catalog.

## Solution

Riptide Conversion Services for CMOD offers a replacement solution for CMOD transformation services. It can be used as a replacement for transform engines such as from Ricoh and OpenText Xenos.

## Overview

CrawfordTech Riptide Conversion Services for CMOD and Riptide e-Presentment is a replacement solution for existing Transform Engines.

Features include:

- On demand conversion of documents to PDF so that users can read documents without requiring specialized AFP, line data or image viewers
- Support for a wide range of input formats, including AFP, Xerox, PDF, PostScript, PCL, image, and line data
- Support for a wide range of output formats, including AFP, PDF, PDF/A, Accessible PDF, PostScript®, PCL, Xerox, images, HTML5, Accessible HTML5, XML
- Integration with CMOD via ODWEK via CMOD SDK, ICN with ePresentment Server, IBM CMOD RESTify via SDK
- Available with IBM Elite support under the IBM Passport Advantage program to IBM customers and partners

There are some important differences between the Ricoh transform engine and Riptide Conversion Services, which users should plan for accordingly described in the following table.

Feature	Ricoh Transformation Engine	Riptide Conversion Services for CMOD
IBM ECM platforms	Available prior to IBM CMOD v9.5	All IBM CMOD releases
Input formats	AFP, PDF, PostScript, PCL, SAP OTF, image, line data	AFP, Xerox, PDF, PostScript, PCL, image, line data
Output formats	AFP, PDF	AFP, PDF, PDF/A, Accessible PDF, PostScript®, PCL, Xerox, images, HTML5, Accessible HTML5, XML
OS platforms	Windows, Linux, AIX	Windows, Linux, AIX, zOS
Integration method	ODWEK	ODWEK via CMOD SDK, ICN with ePresentment Server, IBM CMOD RESTify via SDK
API	No	RESTful API via ePresentment Server
Connection pooling & scaling	No	Yes, with ePresentment Server

### CrawfordTech e-Presentment Architecture for IBM CMOD

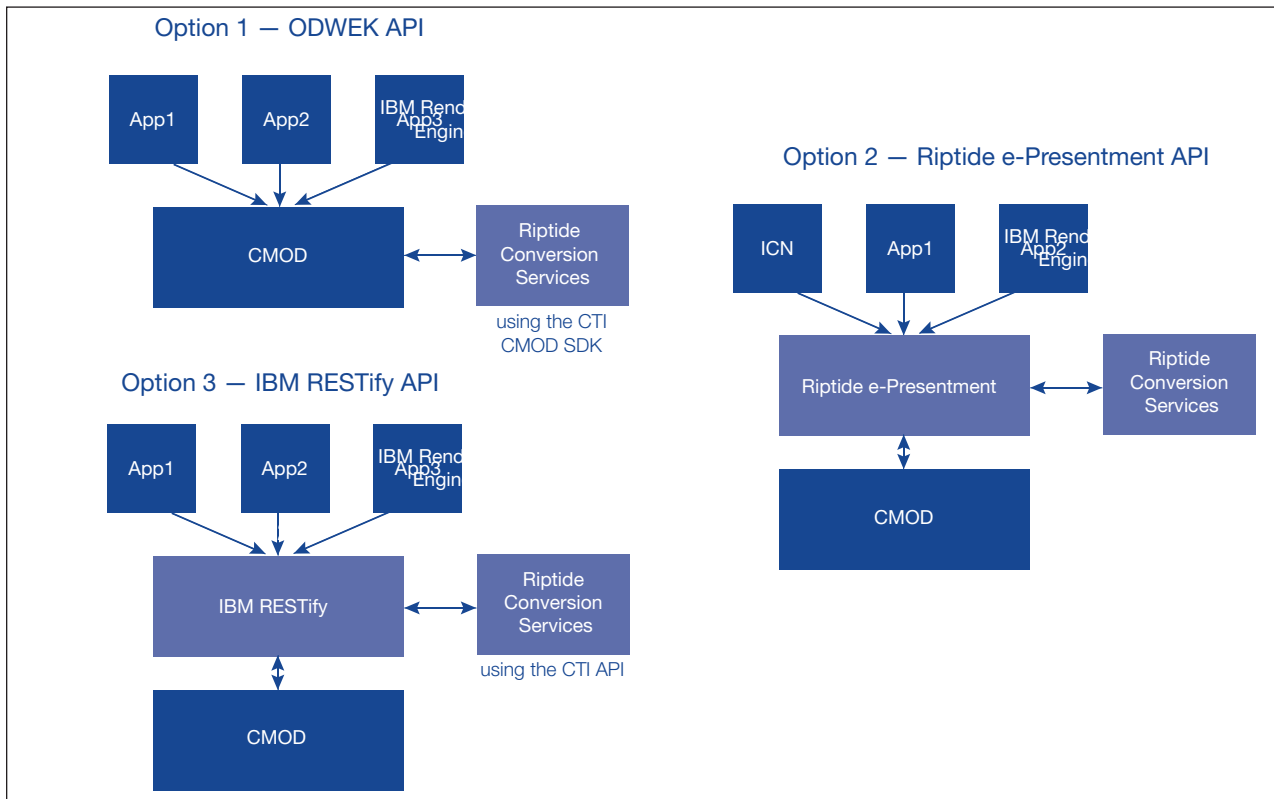


Figure: Riptide Conversion Services for CMOD

## Packaging and Pricing

Riptide Conversion Services is available under the IBM Passport Advantage program to IBM customers and partners. Year 1 maintenance is not included in the software license price.

IBM Part No.	Description
D1BVELL	Riptide Conversion Services software license production server
D1BVFLL	Riptide Conversion Services software license non-production Server
D1BV6LL	Riptide Conversion Services elite support production server
D1BV7LL	Riptide Conversion Services elite support non-production server
D1BVCLL	Riptide e-Presentation software license production server
D1BVDLL	Riptide e-Presentation software license non-production Server
D1BV4LL	Riptide e-Presentation elite support production server
D1BV5LL	Riptide e-Presentation elite support non-production server

## Services

Services are optional but highly recommended. Engagements are through IBM Lab Services or can be direct if required.

The IBM order should indicate the particular transform(s) needed and that Riptide Conversion Services is for CMOD so that the correct Riptide Conversion Services for CMOD software is fulfilled.

## About CrawfordTech

Since 1995, Crawford Technologies solutions and know-how have enabled the largest enterprises to print, digitize and regulate their customer documents. Crawford Technologies/Solutions is a global IBM Registered Business Developer/ISV Partner certified in Enterprise Content Management and has provided aftermarket solutions for IBM content management platforms including FileNet and CMOD. CrawfordTech's IBM solutions are available through passport advantage or direct from CrawfordTech. We are IBM's preferred global partner for print transformation technology in the ECM market.

Crawford Technologies integrated solutions for IBM ECM solutions are focused on transforming, packaging and delivering digital content for improved digital workflows. Our range of solutions include:

- Riptide Server is a rich ECM and Case Manager document output solution which provides the capability to combine, enhance and deliver documents to multiple output channels.
- Riptide Conversion Services (for CMOD) is a document transformation engine supporting many input and output formats, such as AFP to PDF. It integrates with CMOD and IBM Content Navigator through Riptide e-Presentation Server.
- Riptide Conversion Services (for FileNet) offers a web services based Microsoft Office document rendition replacement for the withdrawn FileNet Rendition Engine product.
- Riptide ePresentation Server provides the integration and management platform for the retrieval and transformation of documents residing in popular ECM repositories such as IBM CMOD. It requires Riptide Conversion Services for document transformations such as AFP to PDF. It is integrated with IBM Content Navigator for real time ad hoc transformation of documents.
- Riptide Dark Data Feeder is a document data mining tool which repurposes IBM CMOD unstructured data for analytics use cases such as for Cognos and Watson analytics. (Not currently in IBM PPA)

All these products (except Riptide Dark Data Feeder) are available through IBM Passport Advantage and a range of add on modules for document accessibility, digital signatures and redaction are available directly from Crawford Technologies.