

# Systemware Content Packager

**End-to-End Content Transformation and  
Delivery in Content Cloud**



Your organization's content is one of the most valuable assets it has, which is why managing its lifecycle securely in Content Cloud makes sense. However, keeping your content secure, compliant, and immediately accessible is only a piece of the full content management picture. Unless you can securely package and deliver that content to both your internal and external customers in the exact format they require, you are not seeing the true potential of your enterprise content.

## **Dynamically Transform and Deliver Your Content**

Most organizations today store and manage their content in a variety of file formats. Some content is stored in an unstructured format like Microsoft Office documents, image and media formats, and PDFs. Other data, often generated from connected systems and 3rd-party services may be stored in a print stream or other data and binary formats. Typically, the native format of your content is not the format you want to use to present it to your customers.

The Systemware Content Packager dynamic transformation capabilities allow you to transform this content into the exact format required for delivery when it's requested, without altering the content as it's stored and managed in Content Cloud.

## **ARVM – AFP Resource Version Management**

The AFP print stream format is a common file format encountered within our customer base. Typically, external or 3rd party systems will generate large reports in the AFP format encompassing millions of pages of content. The ARVM solution parses AFP content, caches and manages the various presentment resources (images, fonts, media, vector graphics) necessary for transformation, then calculates and assembles the formatted document dynamically upon retrieval. AFP content can be captured, compressed, and managed in its native format alongside a single copy of the resources necessary for presentment, eliminating the need for pre-processing of data for presentment as well as storage of duplicated resources.

## ARVM Benefits

- Save Storage Costs
- Dynamic transforms into various formats
- Maintain content in native AFP format that can be compressed for additional storage savings
- Fast transformation and presentment

## Extraction and Transforms

Based on Content Cloud's advanced indexing capabilities, from the document level all the way down to the line level, Content Packager can extract data stored anywhere in Content Cloud and transform and combine it into a single package to be delivered immediately. Additionally, this process can be easily automated, making these involved, manual processes available at the click of a button. Furthermore, like all of Content Cloud's capabilities, Content Packager functionality is available through the full API, making it easier than ever to feed your organization's data and content to external systems like online portals and analytics in the exact formats necessary.

### Supported Formats

CSV, XLS  
XML, JSON, TXT  
AFP, EBCDIC, PDF, HTML, TIF  
ZIP, PDF Attachments

## Packaging and Delivery

Content Packager provides several options for packaging the collected files into a file for easier delivery. The files can be combined into a zip file and compressed to benefit from smaller file size. In addition, Content Packager can attach additional files to a primary PDF file, even those not in PDF format. Using the transform capabilities, multiple pieces of extracted data can also be combined and transformed into a single file in any of the available formats, such as PDF, CSV, XLS, XML, and others.





During implementation, Content Cloud can be integrated with all your organization's existing delivery channels providing seamless delivery options to your customers and 3rd-party systems. Email, internal file folder locations (MS Teams, SharePoint), SFTP, secure file transfer, as well as access through the Content Cloud secure API are all supported options for content delivery.

## Security

Content Packager, like all solutions in Systemware Content Cloud, is secured with a rights and roles-based methodology for users that can easily integrate with your existing security systems, such as Active Directory, RACF, LDAP, and various other external authentication providers. Content is encrypted when stored and when transmitted, minimizing the risk of unauthorized information access.

## USE CASES

### Systemware Content Packager

- Compliance
- Audit Requests
- Statement Presentment
- Accounts Payable / Receivable
- Reporting
- Analytics / AI



## About Systemware

Systemware helps the world's largest and most highly regulated organizations simplify infrastructure, optimize cost, create workflow efficiencies, and meet information governance requirements. Our intelligent content services platform, Content Cloud, enables users to find and extract information wherever it is stored and transform and deliver it in the exact context needed for each business line. Content Cloud delivers optimized performance in public, private, hybrid, and IBM Z environments, as well as a fully hosted SaaS offering.