Aries systems

Publish Faster. Publish Smarter.

EMUG 2023

Courtyard Boston Downtown Hotel
June 14-15, 2023

Aries systems.

EMUG 2023

LiXuid Manuscript: End-to-End Production Solution

_____

Charles O'Connor

Lead Product Manager

coconnor@ariessys.com

Agenda

Welcome to
EMUG: Day 2

#EMUG2023

- Limitations in Traditional Production

- Alternative Production Workflow with LiXuid

- Introducing New Tools: End-to-End Production

- Content is Data

- Live Demonstration

- The LiXuid Long-term Vision

- Resources

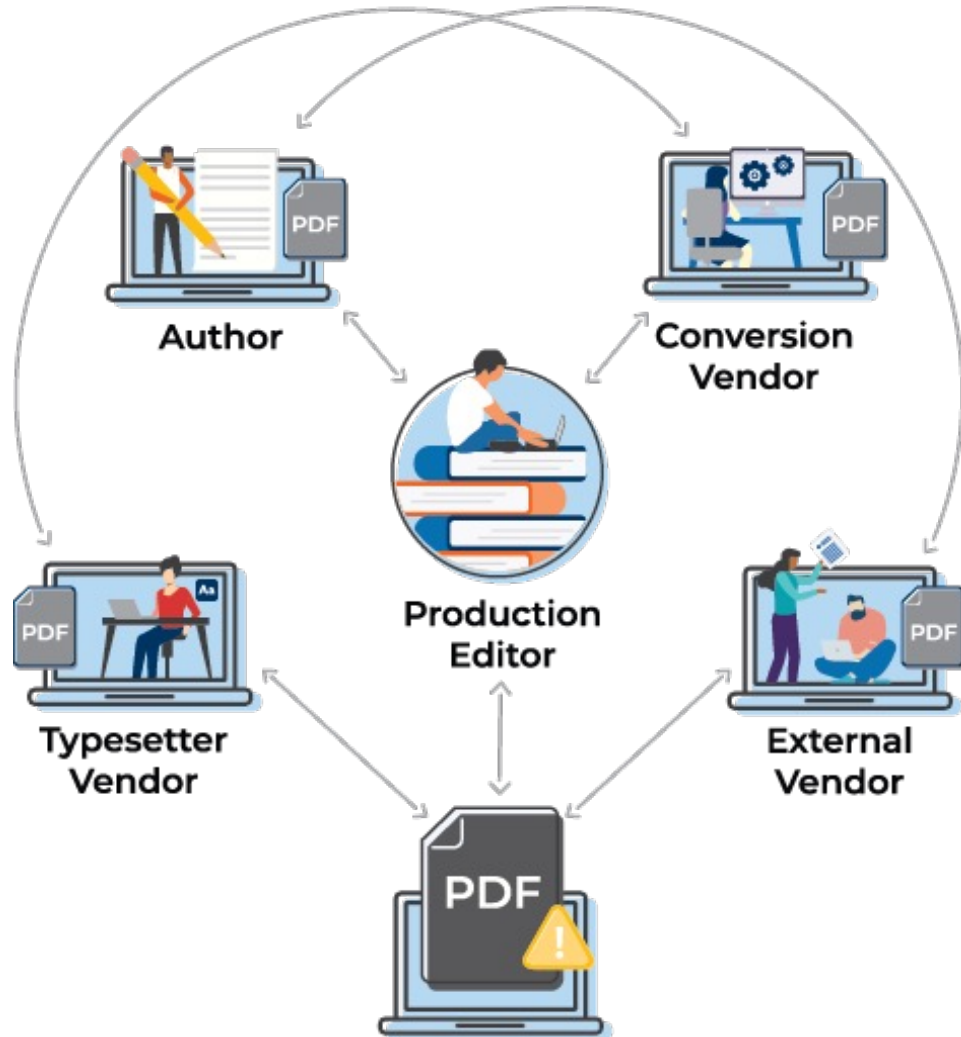- Questions from Attendees

Limitations in Production Today

Identifying gaps & challenges
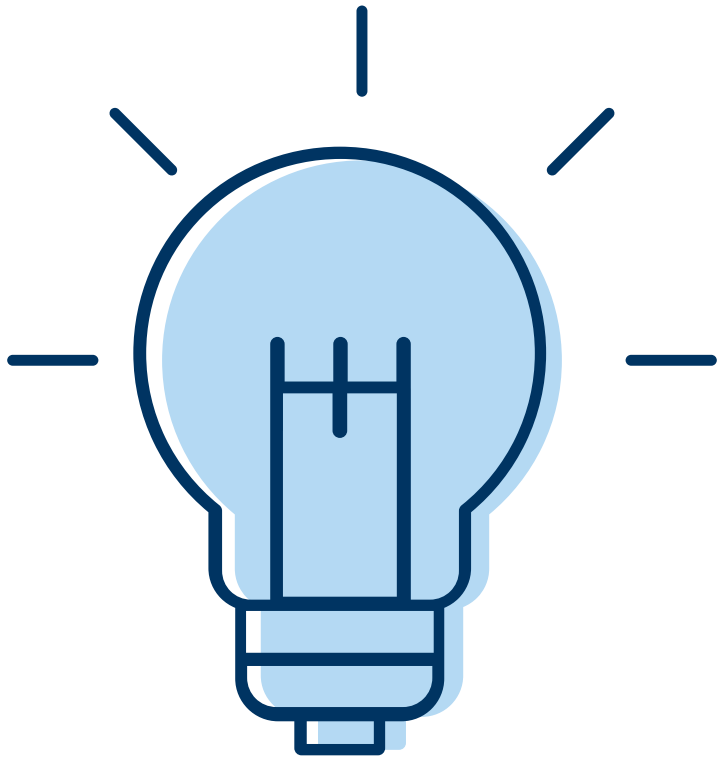
Traditional Production Workflow

- Shuffles static, unstructured content between Authors, copyeditors, production staff, and vendors across disparate systems

- Word documents or PDFs used

Limitations in Traditional Production

- (X) Disparate systems causing workflow disruption

- (X) Time consuming manual processes

- (X) Increased costs – inhouse and outsourced

- (X) Frustrating delays

- (X) Risk to quality and version control

- (X) Limited control over important metadata

- (X) Static content is not machine readable or accessible

Production of Tomorrow

Introducing LiXuid Manuscript

LiXuid: Unlock the Production Experience

LiXuid Manuscript™ feature:

- Suite of tools to streamline production workflow

- Transforms unstructured, static content (Word doc, PDF) into structured, dynamic data

- Makes content more machine-readable and accessible

- Powered by Aries' workflow management solutions

- Leverages XML technology behind-the-scenes (no user XML expertise required!)

Production Workflow Powered by LiXuid
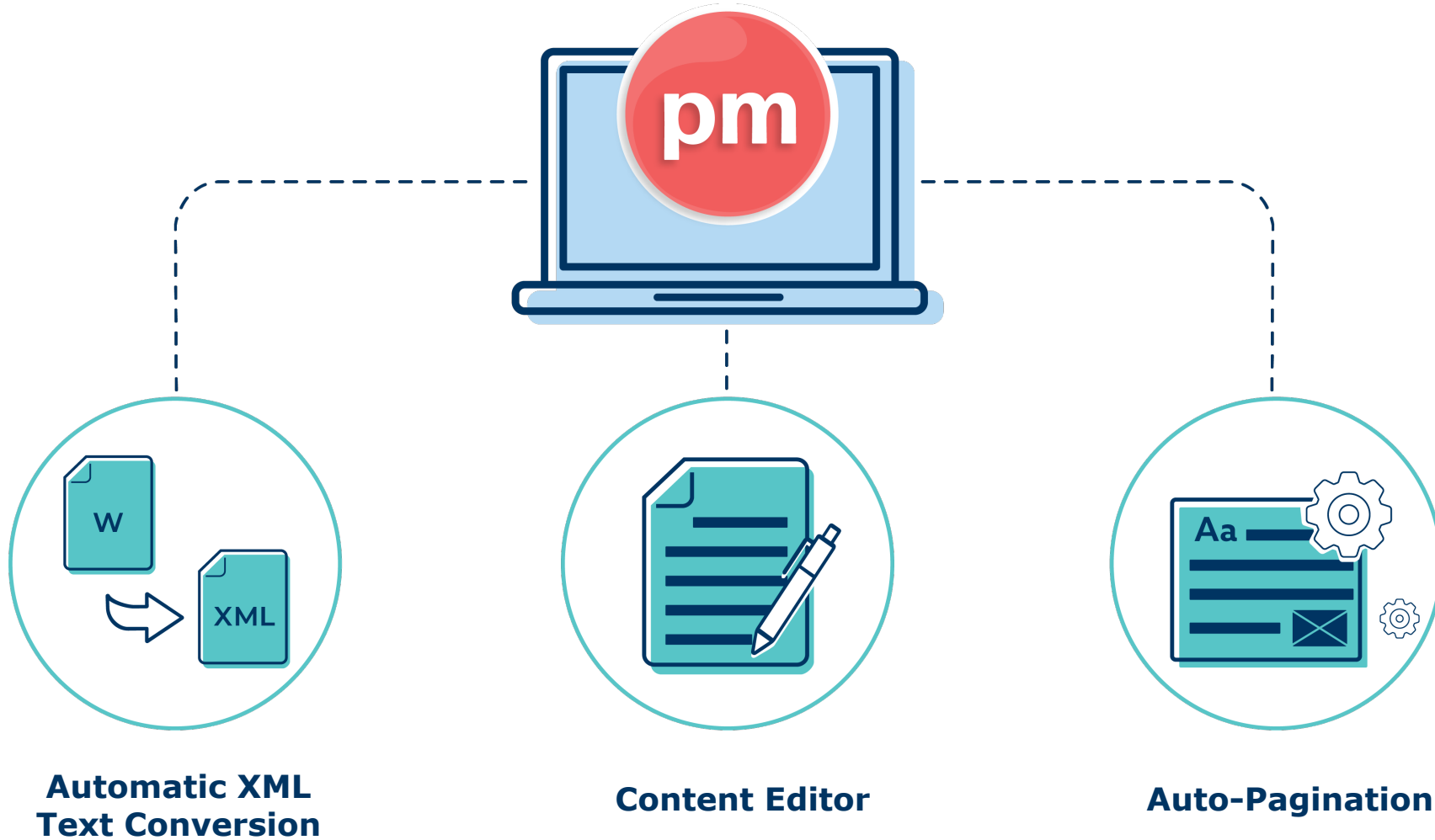

Author

Production Editor

Freelancers

XML

- ✓ Seamless, centralized solution
- ✓ Gives control back to the experts
- ✓ Time and cost-effective
- ✓ Improves content quality
- ✓ Enhances user experience

# End-to-End Solution: Production and Beyond

Initiate Production — **Auto-XML Text Conversion**

Metadata Insertion / Conform to Journal Style — **Copy Editing**

Automated QA — **First Proofs Auto-Pagination**

Proof Review — **Author Proofing & Corrections**

Automated QA / Final Proof Generation — **Transmission & Publication**

Platform-Specific Tagging/JATS/HTML

LiXuid Manuscript Production Toolset

Automatic XML Text Conversion

Content Editor

Auto-Pagination

LiXuid Manuscript Suite

A closer look at the toolset

Auto-Text Conversion

via DCL integration

- Automatic transformation of content: unstructured (Word/PDF/LaTeX) to structured (XML)

- Industry-compliant Aries JATS XML

- Triggered via production task

- Transmittal XML metadata carries over from editorial
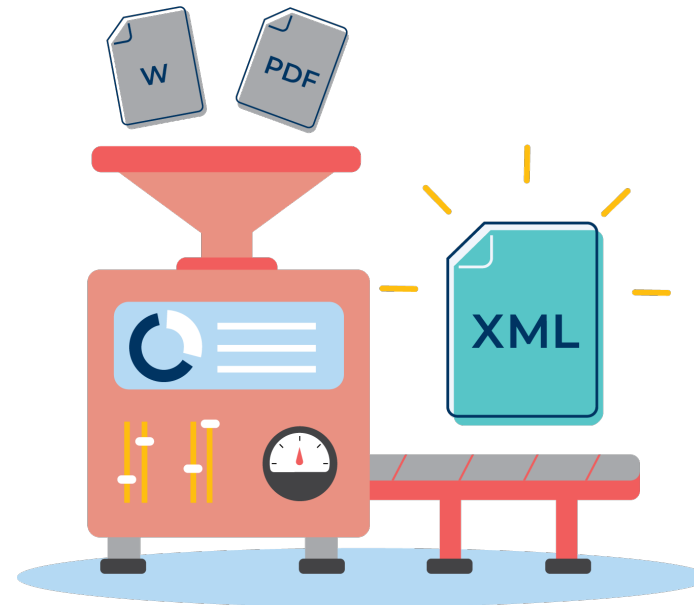
Automatic XML Text Conversion Benefits

- Enables dynamic content and workflow

- Consistent formatting through production, publication, and beyond

- Eliminates need for expensive conversion vendors/staff

- Reduces frustrating delays and inaccuracies, resulting in faster turn-around times and improved quality

- Better control and accessibility of key metadata

- Improved user experience for Editors and production staff
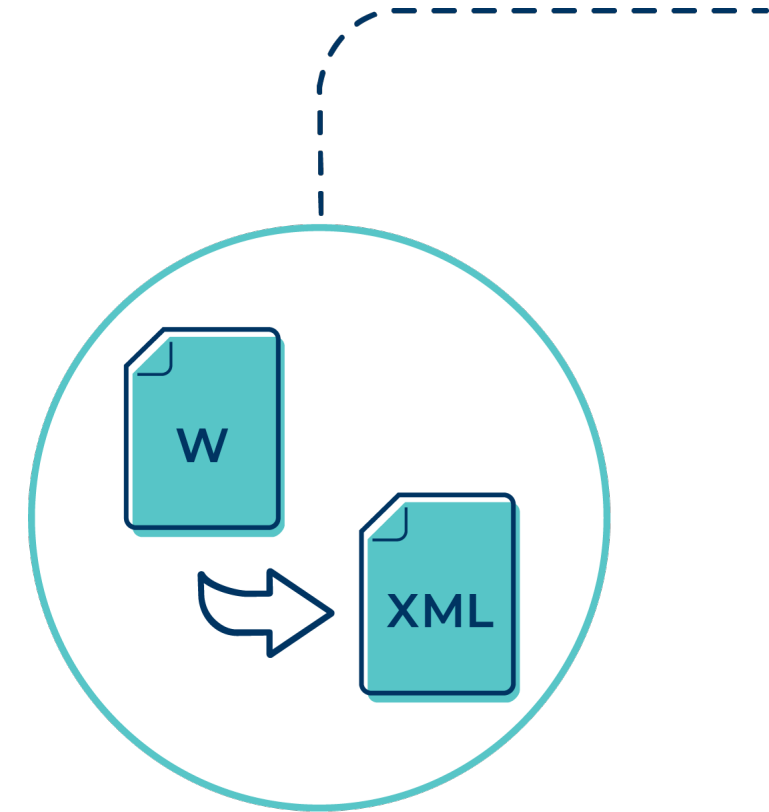
Content Editing Interface

via Fonto XML integration

- User-friendly, Word processor-like environment

- Journal-style agnostic, highly-configurable

- Visible change/edit tracking

- Alerts inconsistencies and required corrections

- Enter and answer direct Author/Editor queries

- Automatically validates underlying XML in real time
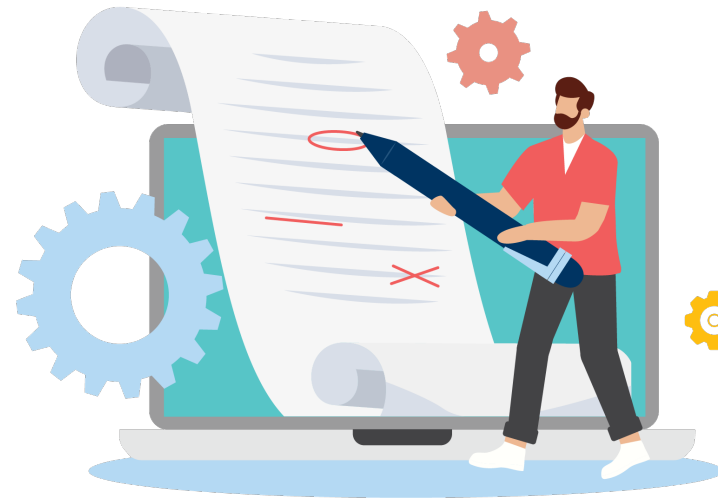
Content Editing Tool Benefits

- Fewer errors and rounds of edits between copyeditors, Authors, and production staff

- Eliminates need for expensive external vendors

- Reduces costs and time to publication

- Increases quality and version control

- Intuitive and improved Author and Editor experience
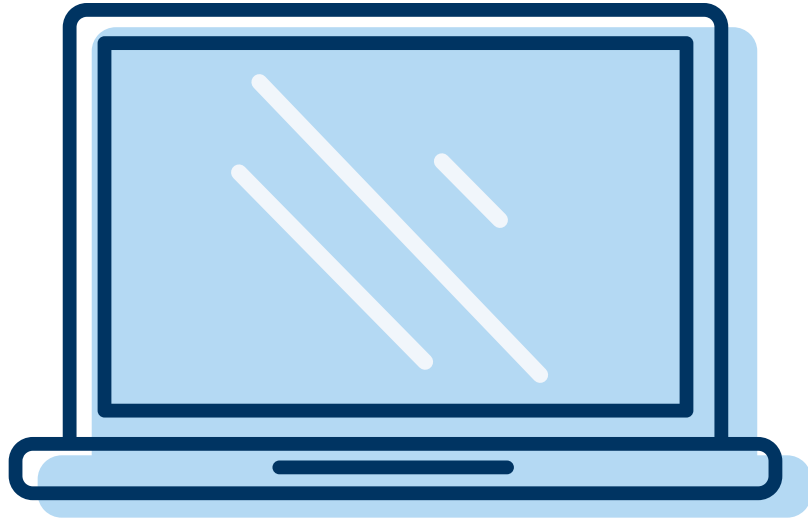
Live System Demonstration

LiXuid Manuscript in action!

Auto-pagination

via Typefi integration

- Automatically paginates articles in journal's print style from XML and finished graphics

- Customizable templates

- Triggered by a production task

- Packages the PDF, InDesign file, fonts, and graphics into a zip file for delivery to printers

Automatic Pagination Benefits

✓ Reduced cost and time to publication

✓ Eliminates need for expensive typesetter

✓ Automatic - No human intervention needed

✓ Enhanced production staff user experience

✓ No XML or InDesign expertise required
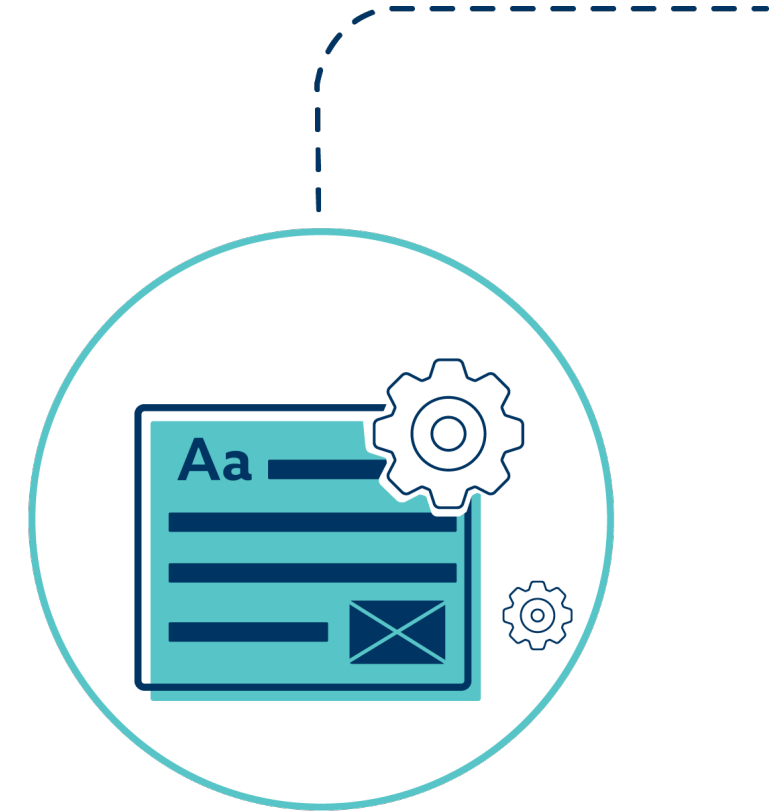
Content is Data: Transformation

- Create "Secondary" Products

  - HTML

  - CrossRef Deposit XML

  - EPUB

  - PDF
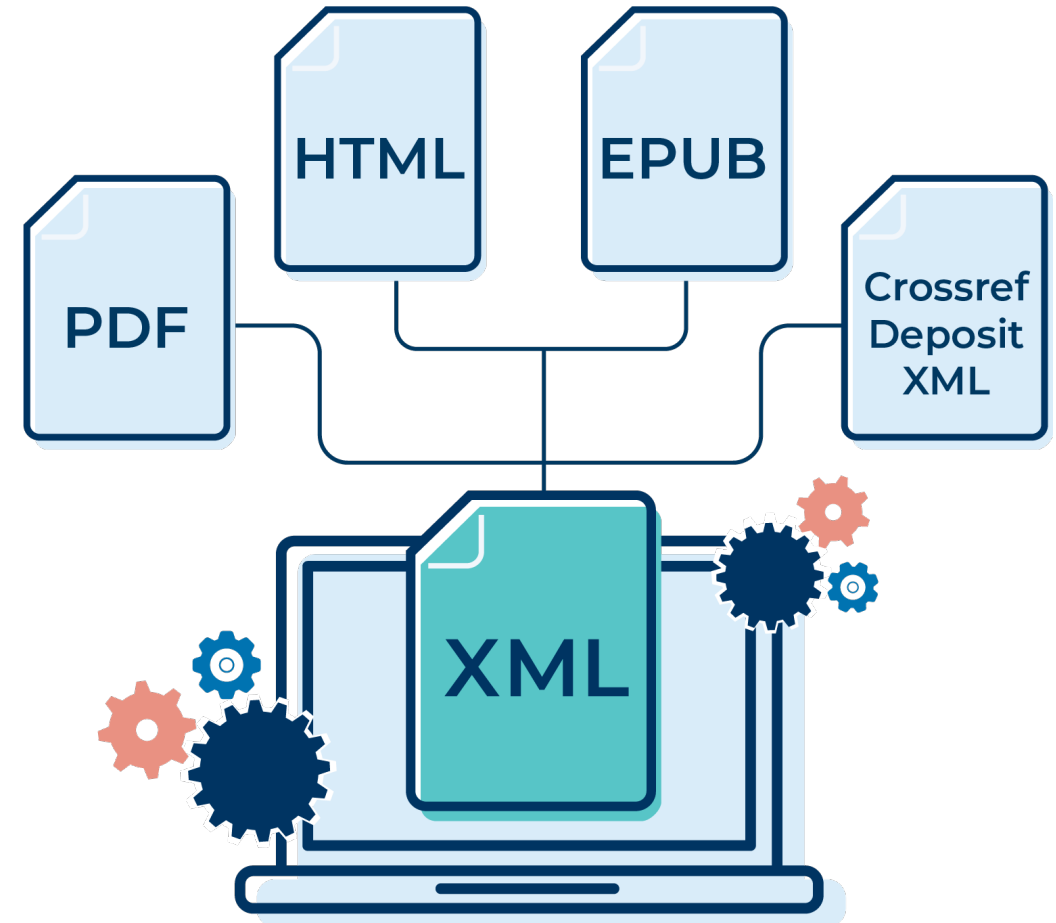
Content is Data: Copyediting

Perform Rote Copyedit Tasks

- Format Citations

- Units of Measure

- British-to-American Spelling

- Capitalize Headings

Content is Data: Quality Control (QC)

What is on Your QC Checklist?

- Are all tables and figures cited?

- Is the abstract over 200 words?

- Do all authors have affiliations?

- Have authors declared a conflict-of-interest?

- Has the author used any flagged words?

- Is there a data-availability statement?

Content is Data: Metadata

- Update Content from EM/PM Fields

  - Title, Abstract, Volume, Pub Dates, DOI, etc.

  - Any Additional Manuscript Detail Field

- Update Content from Transmittal (during XML Conversion)

  - ORCIDs, Funding Information, etc.

- Update EM/PM Fields from Content

  - Title, Abstract, Volume, Pub Dates, etc.
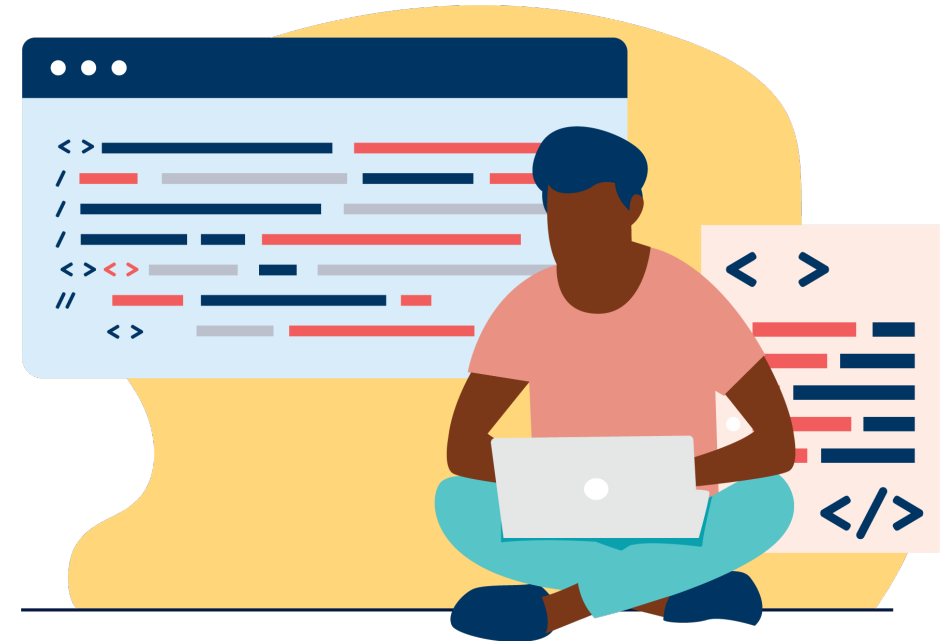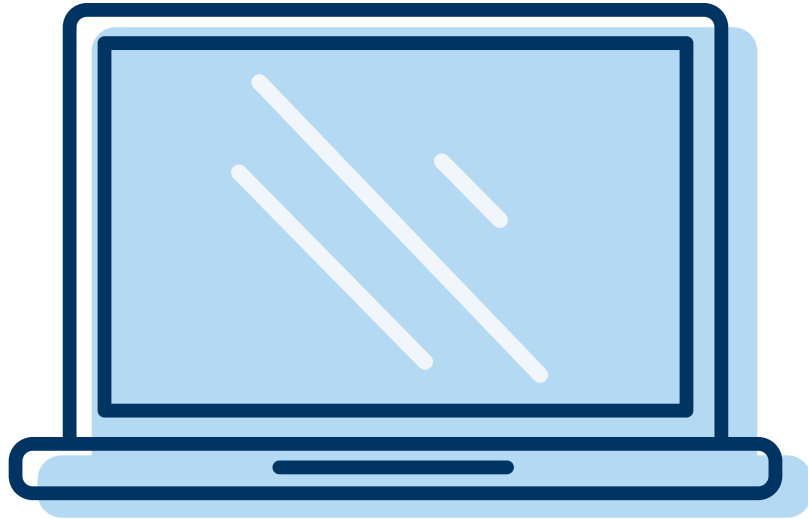
Live System Demonstration (continued)

LiXuid Manuscript in action!

LiXuid Vision: Expanding to Peer Review

- Supports Any Peer Review Model

- Concurrent Reviewer/Editor Commenting

- Revisions Can Be Made in the Editor

- See Comments in Revised or Original Context
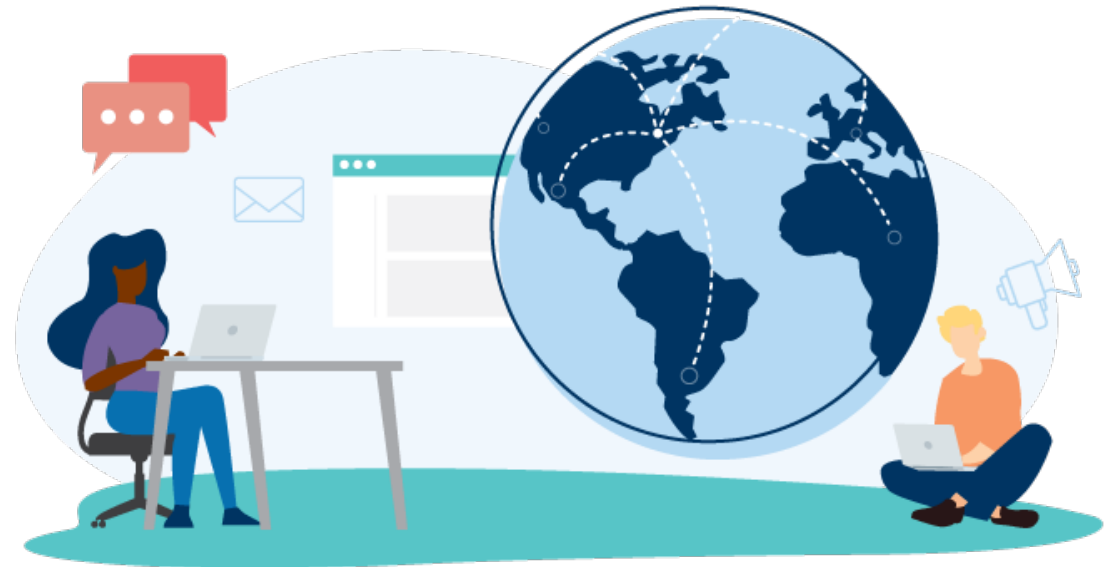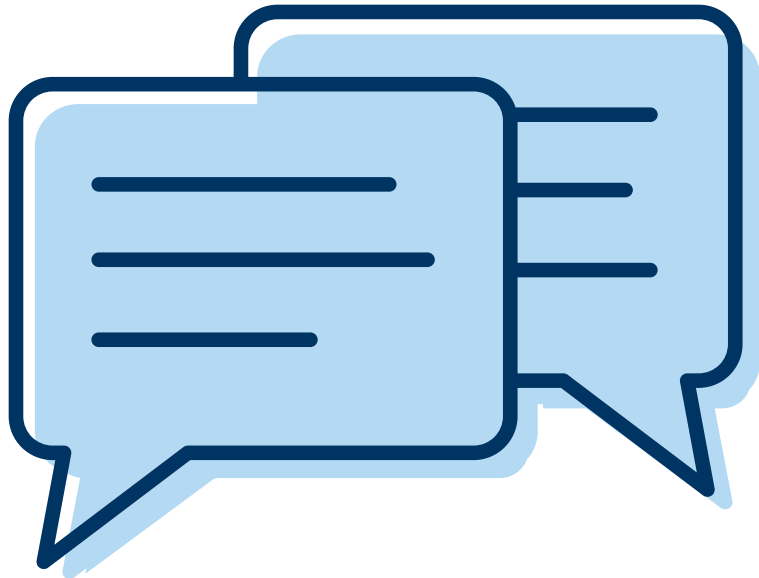
Resources

- Aries Video Library:

  - [LiXuid Manuscript: A Limitless Production Experience](#)
  - [LiXuid Manuscript: Direct Content Editing](#)

- Your Account Coordinator

Questions?

Thank you!

Stay Connected

Charles O'Connor

Lead Product Manager

coconnor@ariessys.com

50 High Street, Suite 21

North Andover, MA 01845 USA

www.ariessys.com