

mōn`k

Impelsys 

# Welcome to the World of **Agentic Publishing**



FRANKFURTER  
BUCHMESSE

**mon'k** Publishing is an AI-enabled, agentic publishing platform that brings content, workflows, automation, governance, and human oversight together in one connected platform. It helps publishers modernize operations, embed AI across the publishing lifecycle, and create new revenue opportunities through AI licensing and content commercialization.

1

### Accelerated Time to Market

Reduce publishing cycles from 12–16 weeks to approximately 6 weeks.

2

### Greater Operational Efficiency

Reduce manual effort, handoffs, and rework, with efficiency gains of up to 72%.

3

### Faster Market Intelligence

Surface market needs, trends, and opportunities in minutes.

4

### Accelerated New Editions

Identify content gaps and move faster from analysis to revised manuscripts.

5

### Greater Value from Existing Content

Extend content into new editions, products, languages, and AI-ready assets.

6

### New B2AI Revenue Opportunities

Prepare, license, and measure content for AI platforms and emerging AI channels.

7

### Stronger Governance and IP Protection

Maintain rights, approvals, traceability, and usage visibility across content workflows.

# mon'k Fabric

## The Three-Layered Modular AI-Native Evolution of mon'k

- 1 **Swappable Cloud Infrastructure** at the Base    2 **An AI Platform** that Governs and Orchestrates    3 **Applications & Agentic Workflows** Built on Top

### 3 Applications & Agentic Workflows

#### Publishing Workflow

Ideation    Authoring    Editorial  
Production

#### KAI

The super agent that orchestrates publishing from creation to delivery.

#### Content Delivery

LMS    eBooks    Audio Video Player  
Reader as a Service    Journals    eCommerce

#### Forge & Meter

Content Transformation, AI Licensing and Commercialization

### 2 Orchestration Platform

#### AI Gateway

Single Entry Point for Every Application Request

#### Policy Router

Classify · Tenant Policy · Pick Route · Fallback · Log

#### Frontier Models

ANTHROPIC    OpenAI    Gemini

#### Open-Weight Models

LLaMA Meta    Mistral AI    Qwen    deepseek

#### Custom mon'k Models

mon'k Language Models

#### Agent Library

40+ Agents, Shared Across Every Application

Market Intelligence    Production  
Authoring    Content Analyzer  
Ancillary & Assessment  
Editorial    & more

Guardrails    onetrust    Holistic AI

#### Knowledge, Data & Connectors

Vector and Graph store    Salesforce    Jira    S

Evaluation    Golden Sets · Regression Harness

Observability    Logging · Cost · Audit Console

Security & Compliance    onetrust    HIPAA · ABDM Controls

### 1 Cloud Agnostic Infrastructure

aws

Microsoft Azure

Google Cloud

#### Foundation Models

AWS Bedrock · Azure AI Foundry · Gemini Enterprise Agent Platform

#### AI Landing Zone

Accounts · Network · IAM Baseline

#### Landing Zone Guardrails

Policy · Compliance · Encryption

#### Data Residency & Sovereignty

Region Pinning · Per-Tenant Controls

mon'k Fabric

# 40+ AI Agents. One Publishing Super-Agent.

**KAI** orchestrates specialized AI agents across the publishing lifecycle, connecting the right capabilities, context, and human oversight for the work at hand.



**Agentic AI that enables the work publishing already does**

**The workflow below illustrates how KAI operates in practice.**



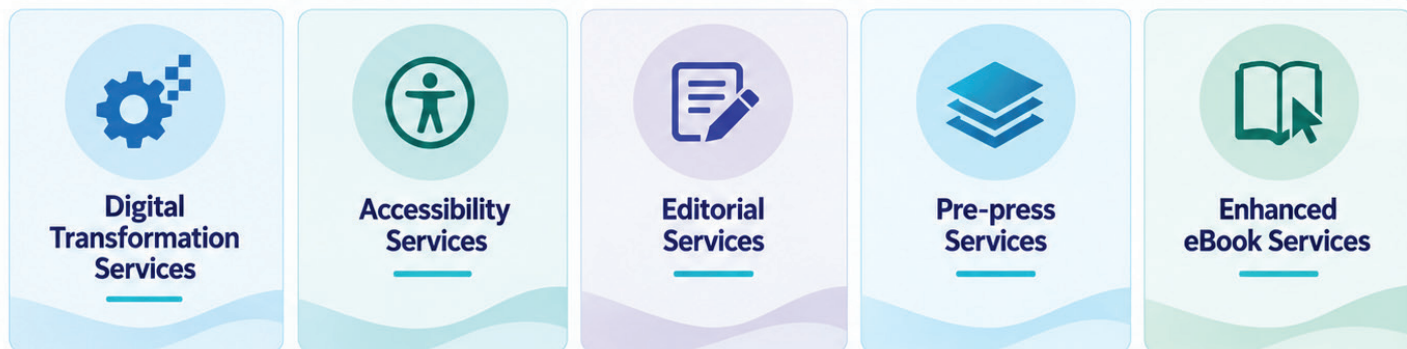
# AI-Enabled Content Services

## Transform Content into High-Value Digital Assets

Combining AI-led content intelligence, publishing workflow expertise, and deep format transformation capabilities, we help publishers, institutions, and IP holders modernize legacy content, streamline management and delivery, and unlock new monetization opportunities across intelligent digital standards such as HTML, ePub, XML, PDF, JATS, and more.



## Tailored Services and Innovative Solutions



# AI Engineering Services

## From AI Pilots to an AI-Native Publishing Enterprise

Impelsys helps publishers move from isolated AI initiatives to enterprise-wide adoption by embedding intelligence across technology, data, workflows, products, and operations.



# Impelsys: An ISO/IEC 42001 Certified Organization

Impelsys is an ISO/IEC 42001:2023 certified company for its Artificial Intelligence Management System, a milestone that reflects its approach to responsible AI development, governance, and delivery. The certification strengthens the framework behind Impelsys' AI solutions and services, supporting its strategy to help organizations scale AI with greater trust, accountability, and control.





# 18,000 Articles. Up to 70% More Accurate Discovery.

How a global academic publisher is making scholarly content easier to discover across emerging AI experiences

Research discovery is moving beyond the publisher website and traditional search box. As researchers increasingly turn to AI-powered tools to find and explore knowledge, publishers need their content to remain discoverable, trusted, and governed. Sage partnered with Impelsys to build an AI-powered discovery platform across 18,000 open-access journal articles, creating a foundation for scholarly content to participate in new AI-driven research experiences.



## THE CHALLENGE

- Move scholarly discovery beyond keyword search.
- Make large research collections easier for AI to understand and surface.
- Extend content into emerging AI assistants and research experiences.
- Preserve publisher control, governance, and content integrity.



## THE SOLUTION

- Built AI-powered discovery across 18,000 open-access journal articles.
- Used RAG to deliver more relevant, context-aware responses.
- Used MCP to connect scholarly content with AI assistants for discovery, citation, and recommendations.
- Created secure, governed interfaces for controlled AI access to publisher content.



## THE PROOF

- Up to 70% improvement in search accuracy.
- Secure, governed access across AI-powered interfaces.
- Global engineering support across Europe, LATAM, and India.
- A scalable architecture aligned with Sage's long-term research and technology roadmap.



**John Shaw**  
Executive Vice President & CIO, Sage



Impelsys has been instrumental in helping us accelerate our digital roadmap. Their engineering expertise, adaptability, and understanding of the publishing landscape have been key to achieving operational efficiency, scalability, and innovation. We look forward to continuing this collaboration.

# 270K+ Titles. Now Discoverable Through Conversation.

## How a global scholarly publisher turned its entire collection into an AI-powered research experience

The value of a scholarly collection depends on how easily researchers can uncover the knowledge within it. IGI Global Scientific Publishing partnered with Impelsys to bring conversational discovery across more than 270,000 indexed books and journal titles, allowing researchers to ask questions naturally, explore information across multiple sources, and move directly from AI-generated answers to authoritative scholarly content.



### THE CHALLENGE

- Move beyond keyword search to more intuitive research discovery.
- Make a vast scholarly collection easier to explore.
- Help researchers connect knowledge across books and journals.
- Introduce AI while protecting licensed content and publisher control.



### THE SOLUTION

- Deployed an AI-powered Research Assistant across 270K+ indexed titles.
- Used RAG to ground answers in trusted scholarly content.
- Combined keyword, semantic, and vector search for richer discovery.
- Enabled cross-book exploration, conversational follow-up, and source citations.
- Automated indexing so new content becomes available for AI-assisted discovery.



### THE PROOF

- 270K+ titles indexed for AI-assisted research and discovery.
- 1.5K+ librarians actively using the Research Assistant.
- Researchers move directly from answers to authoritative source material.
- Library usage continues to register through existing reporting.
- Publisher content remains within IGI Global Scientific Publishing's controlled Azure environment and is not shared with external AI models.



**Justin North**  
Vice President of Technology,  
IGI Global Scientific Publishing

Through the development and deployment of our AI-powered Research Assistant, the Impelsys team demonstrated strong technical expertise, responsiveness, and a clear understanding of our platform objectives. Their collaborative approach helped us deliver a solution that enhances content discovery and enables researchers to engage with our scholarly resources more effectively.

BOOKS

JOURNALS

CONFERENCE PROCEEDINGS

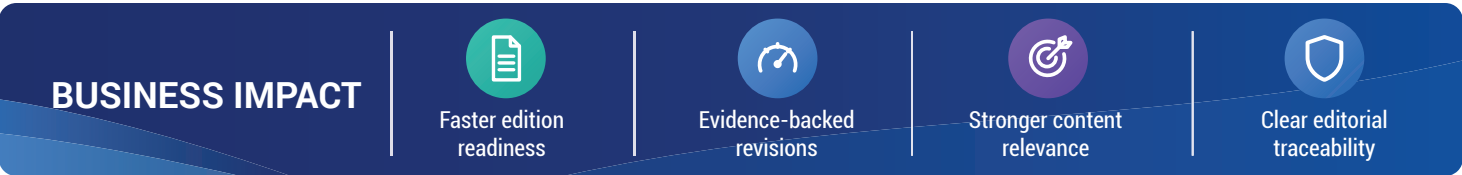
# See KAI at Work Across Publishing

## Five publisher-focused use cases

### USE CASE 01

## NEW EDITION & REVISED MANUSCRIPT CREATION

Keep established titles current as curricula, subject areas, and market requirements evolve.



### USE CASE 02

## CURRICULUM ALIGNMENT & CONTENT REALIGNMENT

Align existing titles as curriculum requirements evolve and identify exactly what needs to change.



## USE CASE 03

# ANCILLARY CREATION & UPDATES AT SCALE

Create a richer set of teaching and learning resources around every title and keep them aligned as content evolves.



## BUSINESS IMPACT

More value per title

Faster asset development

Greater consistency

Scalable ancillary production

## USE CASE 04

# FROM PUBLISHING CONTENT TO INTERACTIVE COURSEWARE

Turn existing publishing content into structured, interactive learning experiences for digital delivery.



## BUSINESS IMPACT

Greater reuse of publishing IP

Faster course development

Consistent learning design

Faster digital delivery

# CONTENT TRANSLATION

Extend existing content into additional language versions through a repeatable translation workflow.



## BUSINESS IMPACT



Faster translation workflows



Easier content reuse across markets



Scalable language production



Review built in



# About Impelsys



We are a leading provider of innovative solutions that empower organizations across the globe, become AI first, data-driven intelligent enterprises. From leading with emerging technologies to guiding enterprises on their AI journey, we enable organizations to evolve into truly AI-ready enterprises.

We have been at the forefront of the next and the best in technology and our diverse portfolio spans Publishing, Healthcare, Education, and more. We leverage AI across our services including Data and Analytics, Cloud, AI/ML Platforms and Products, End-to-End Quality Assurance (QA), Application Development & Modernization, Digital Marketing and eCommerce Solutions, and Content and Learning Solutions to deliver intelligent, future-focused outcomes. Our flagship framework, AI-powered mon'k, powers the publishing lifecycle from ideation to commercialization, saving time, effort, and enhancing efficiencies exponentially.

**25+**

**Years in Business**

Engineering-led company with deep roots in data, content technology, and AI-driven digital transformation.

**300+**

**Clients**

Spanning across publishing, education, healthcare.

**1,200+**

**Employees**

A global workforce, built to support every part of the enterprise.

## Our Portfolio Companies



## Industry Awards



## Driven by Quality



Leveraging technology to make the **world a better place** by **helping the world learn** and **helping the world heal** with **our customer partners**.



SCAN TO EXPLORE

