



Case Study

UK-based Journal Publisher Achieves
AI-Powered Production Benchmark with
45% Reduction in Production Cycle



Customer Profile

A leading multinational publisher originating in England committed to advancing research dissemination while maintaining high-quality editorial standards across its extensive collection.



Key Objectives

The client was facing the critical challenge of optimizing each stage of the publication cycle to reduce transit time without compromising quality. They wanted a solution that could:

- ✓ Minimize time to market
- ✓ Prevent rejection of manuscripts at the peer review stage
- ✓ Integrate with any system or application with ease
- ✓ Conduct thorough checks for compliance, research integrity, formatting, and other technical criteria.
- ✓ Provide a meticulous review for language errors, encompassing consistency and spelling precision.
- ✓ Reduce the cost of publishing quality evaluation process
- ✓ Automate the entire assessment process without human intervention

Integra Solution

Integra's expert team addressed the client's process workflow challenges through strategic technological interventions at each stage, including a **comprehensive AI strategy**. We provided a **custom-tailored AI roadmap**, leveraging Generative AI and NLP. Our approach optimized operations, reduced costs, and drove revenue growth. Here is what we achieved:

- ✔ Achieved a remarkable **45% reduction in manuscript processing cycle**, establishing a new efficiency benchmark in journal publishing with AuthorPilot.
- ✔ Accelerated editing with an **AI-based automated editing platform** that tracks all edits, ensuring authors maintain full control over their text. It seamlessly operates within both MS Word and HTML editors which helped the team to do intensive digital edits seamlessly.

The image displays two overlapping screenshots of the AuthorPilot Manuscript Readiness dashboard. The top screenshot shows a list of articles with their technical and language assessment scores. The bottom screenshot shows a 'Scoring - Technical Assessment Report' modal window with a circular progress indicator and a legend for 'PASS' (Quality score >= 77%) and 'FAIL' (Quality score < 77%).

| Sl NO | Article Title | Technical Assessment Report | Language Assessment Result | Intensive Digital Edit |
|-------|----------------------------|-----------------------------|----------------------------|------------------------|
| 1 | Measurement of Physics | 98.25% | 98.25% | |
| 2 | Digital Transformation | 25% | 25% | |
| 3 | AI based products | 95% | 90% | |
| 4 | Roll Logistics | IN PROGRESS | | |
| 5 | Infrastructure development | 95% | | |
| 6 | Measurement of Physics | 95% | | |
| 7 | Digital Transformation | 95% | | |

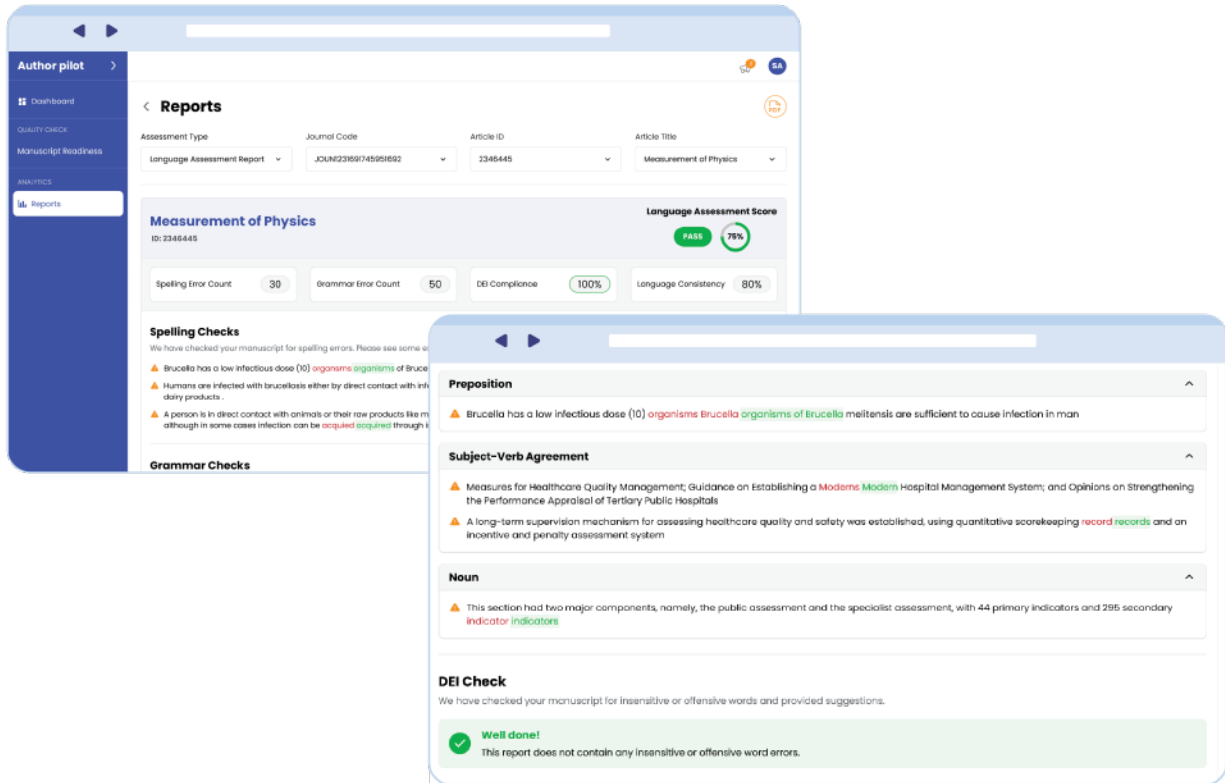
Scoring - Technical Assessment Report

Score

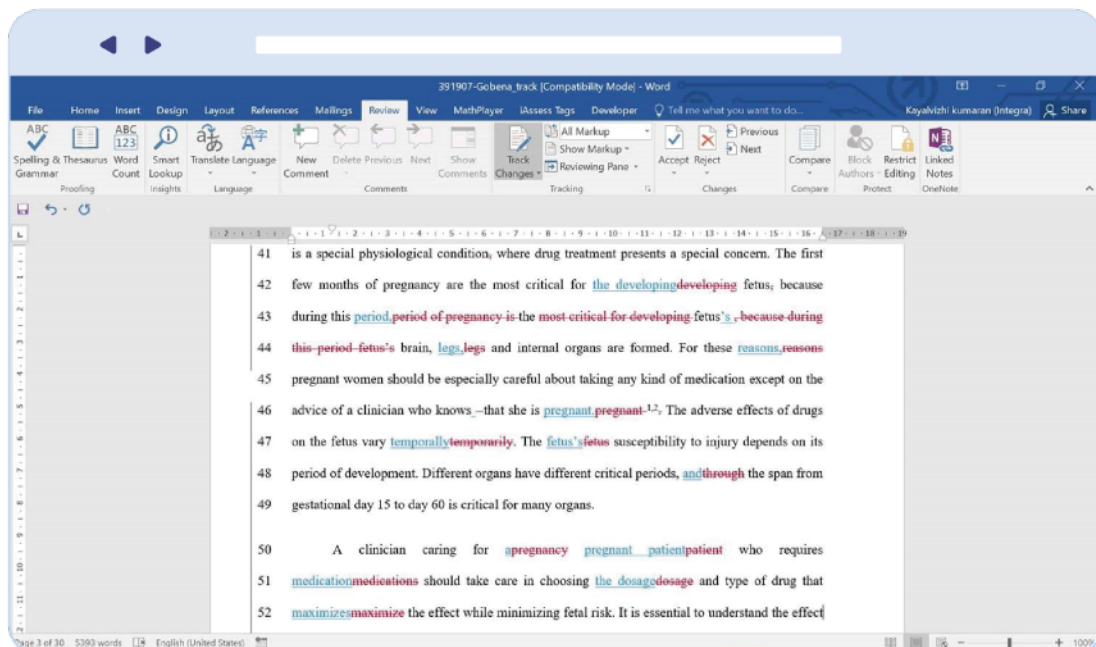
PASS Quality score >= 77%

FAIL Quality score < 77%

- ✔ Incorporated thorough technical analysis, encompassing checks for complete citations, research integrity, ethical compliance, and other critical aspects.
- ✔ Implemented comprehensive language analysis, ensuring inclusivity, consistency, and accuracy in spelling, coupled with precise, targeted improvement suggestions.



- ✔ Enhanced digital editing capabilities delivered in-depth English language recommendations, significantly minimizing the requirement for manual editing interventions.



Impact Statement

Leveraging Integra's AuthorPilot, our expert team dramatically transformed the client's publishing workflow, setting a groundbreaking industry benchmark. With our strategic AI interventions, including advanced Generative AI and NLP techniques, AuthorPilot delivered remarkable outcomes:

- ✔ AuthorPilot enabled the client to **slash their production cycle by an unprecedented 45%**, establishing a new standard in publishing efficiency.
- ✔ **Saves up to 10 hours of manual assessment time**, elevating manuscript quality to meet the highest standards of scholarly publishing.
- ✔ Achieved these improvements while optimizing costs. Experienced up to **40% reduction in copy editing costs**.
- ✔ **Comprehensive technical reviews** ensured completeness in citations, upheld research integrity, and maintained ethical compliance, among other key elements.
- ✔ Configures and integrates seamlessly with any applications, servers, and systems.
- ✔ **Detailed technical reviews** of citations, research integrity, and compliance effectively reduced manuscript rejections.





● ● ● **ABOUT INTEGRA**

Integra is a trusted partner in Business Process and Technology Services for many leading organizations worldwide. With a focus on providing end-to-end solutions for digital content, learning services, and content workflows, we help our customers realize transformational business value.

For more information, please visit
integranxt.com



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