

# Enhancing Education with AI-Powered Alignment

## AT A GLANCE

### Challenges

- Manual Alignment Process
- Delayed Responsiveness to Educational Standards
- Balancing Accuracy with Computational Costs

### Methods

- AI-Powered Search and Indexing
- Azure OpenAI Integration
- Human-in-the-Loop Evaluation

## OBJECTIVES

To enhance iCEV's platform with AI technologies by streamlining alignment processes, improving efficiency, and supporting scalable growth.

## SOLUTIONS

IntelliTect modernized iCEV's platform with AI-powered enhancements. They integrated a user-friendly search interface with vector search and semantic re-ranking to improve content discovery efficiency. Azure OpenAI and Azure AI Search were leveraged to evaluate content and suggest alignments with state and industry standards, automating the manual process. The AI-generated suggestions were combined with expert review through a human-in-the-loop process to ensure accuracy and cost-effectiveness.



## BENEFITS



### Increased Efficiency and Reduced Workloads

Automated processes reduced manual alignment efforts by an estimated 50%, greatly enhancing overall efficiency.



### Enhanced Content Discovery

The enhanced search functionality enabled users to locate aligned content more quickly, improving usability.



### Streamlined Coverage

AI integration accelerated responsiveness to changing standards, ensuring timely alignment and positioning iCEV for growth and adaptability.



Partnering with IntelliTect has been transformative for iCEV. Their expertise in integrating AI technologies has significantly enhanced our platform's efficiency and user experience, positioning us well for future growth and innovation in the education sector.



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