

From Legacy Technology Challenges to a Scalable Digital Curriculum Platform

AT A GLANCE

Challenges

- Outdated Technology
- Disparate UI Across Products
- Limited Scalability
- Growing Internal Development Needs

Methods

- Technology Modernization
- UI Standardization
- Azure Cloud Migration
- Collaborative Team Expansion

OBJECTIVES

To modernize iCEV's digital curriculum platform by addressing legacy technology issues, standardizing product interfaces, and enhancing scalability, with the ultimate goal of improving performance, user experience, and operational efficiency.

SOLUTIONS

IntelliTect modernized iCEV's outdated technology by migrating their website from a legacy .Net framework to .Net 8, significantly improving performance and scalability. The infrastructure was moved to Azure PaaS services, including Azure App Services and Azure SQL Database, providing scalability and efficiency for future growth. IntelliTect also standardized the UI across products for a more consistent and seamless user experience.

To support iCEV's growing internal team, IntelliTect provided additional development capacity to replace outdated systems while maintaining continuity. They prototyped an AI assistant tool to drive innovation and introduced Azure DevOps for improved project management and development standardization. IntelliTect also rebuilt the platform's infrastructure, creating a solid foundation for ongoing innovation.

BENEFITS

Improved Scalability & Performance

The migration to .Net 8 and Azure significantly improved system reliability and scalability, allowing iCEV to meet current needs and plan for future growth.

Enhanced User Experience

A standardized and cohesive UI across all products made the platform more intuitive, improving the experience for both educators and students.

Streamlined Operations

The adoption of Azure DevOps and the modernization of the platform streamlined operations, empowering iCEV to focus more on growth and innovation rather than technology management.

Partnering with IntelliTect has been transformative for iCEV. Their expertise in modernizing our technology infrastructure and standardizing our user interface has significantly enhanced our platform's performance and user experience. This collaboration has positioned us well for future growth and innovation in the education sector.

iCEV
Steven Lubowicz, Chief Technical Officer