



Business Domain

Education and E-learning

Project Type

Data Management Systems with a web application, mobile application, and backend

Leading Provider of K-12 Data Management Systems Improved Special Education Programs Across the USA

Client

The Client started as a niche Medicaid billing company, then evolved into a leading provider of special education management software and services, including IEP/504 development, related service scheduling and tracking tools, and Medicaid billing.

Project

The project includes several components that form the software complex for managing Medicaid programs in K-12 schools across the USA. The final goal of the software is to assist students and help automate education planning.

Objective

Expanding the product offering of a data management provider with a product to help schools and districts automate Individual Education Planning (IEP) form management and enhance Medicaid programs. Providing a better service to students and keeping the product government-compliant.

Team Reinforcement

The provider of K-12 data management and analytics tools wanted to expand the range of its products with a new solution. To expand the product with the new functionality and launch it in new school districts, the Client needed a tech partner who could rapidly perform system modernization and carry out data management tasks.

Challenge

The Client is a leading provider of software and services for K-12 education in the USA. The Client's products helped automate the education planning and manage Medicaid billing.

The Client's team needs more expertise in specific technological domains. The Client tapped Intetics for its comprehensive experience in software development and systems integration.

The Client has an internal development team based in the USA and, at first, expected it to grow there. It was hard to manage the required growth speed, and the Client made the decision to proceed with the Offshore Dedicated Team® (ODT).

Quick Facts

- ✓ 10+ years of continuous cooperation
- ✓ The Client saved 45% of expenses working with Intetics' ODT
- ✓ 13 US states are covered and the number is growing
- ✓ The Client was acquired by a big private equity and growth capital firm that groups educational companies

Technologies

ASP.NET MVC / ASP.NET WEB API /
ASP.NET Core / KendoUI / jQuery / AngularJS
/ Angular / Nhibernate / Dapper / RabbitMQ /
Microsoft SQL Server / Elasticsearch

Solution

★ 01

The Client's product has become a complete solution that satisfies school districts' special education documentation needs and helps claim Medicaid benefits.

★ 02

The system helps schools organize the process of students' checkups and allows creating & managing of the Individualized Education Plans.

★ 03

The interface is adapted for easy use and access by medical professionals and district administrators. The product also ensures compliance with Medicaid governmental requirements, as all the activities and forms are automatically verified against state-specific rules.

★ 04

The solution includes automated filling of health forms, scanning and recognizing the paper-filled forms if necessary, IEP management, smart scheduling of activities, reporting, success tracking, timing, billing for medical services, and student transportation management and billing.

★ 05

The product developed by Intetics has turned into a high-quality technological platform for business development and serves as a major migration platform for the Client's related projects.



Client Reference



Intetics is helping us expand our product line and provide a more sophisticated and robust data management solution to school districts. This system helps save time and money, and it improves the efficiency of special education programs across the country.

Founder and CEO

Benefits and Results

- ★ As a result of cooperation with Intetics, the Client expanded its product offering and managed to improve the product's time to market twice.
- ★ Intetics has become the Client's long-term partner and continues providing timely and fully functional product improvements, modernizing the system, and dramatically expanding the system's functionality.
- ★ The platform was made to meet the requirements of HIPAA and numerous local compliance certificates.
- ★ After the modernization of the existing application, Intetics launched the development of new product features. They were created as modules that were later integrated into the product.

Techstack:

ASP.NET MVC, ASP.NET WEB API, ASP.NET Core, KendoUI, jQuery, AngularJS, Angular, Nhibernate, Dapper, RabbitMQ, Microsoft SQL Server, Elasticsearch

Team: 50+

Project Manager, System Analysts, Team Leads, Developers, QA Engineers, DevOps Engineers