

Case for a **State Education Agency**

Enabling Online Sales with Secure Payments for Irish State Education Agency_

Streamlining payment processes for education certificates confirmation via cloud-based online portal

Industry: Education

Location: Ireland

Employees: 80+



Client Background

An Ireland-based company (under NDA) is the integrated state agency, responsible for education quality assurance, standards, awards and training programs validation. Thousands of students, learners and educators use the company's services to achieve their educational goals. In 2018 alone, the company assigned approximately 225,000 awards to learners and 160,000 certificates to students, who completed various educational and training programs.

Business Challenge

With thousands of students, learners and educators using Agency's services to achieve their educational goals, our client needed to develop a solution, which would allow its customers to pay for the verification of their education Awards and certificates, certificate replacement, etc.:

- Provide efficient, accurate, and quick money transfer process with a modern end-to-end solution;
- Ensure the top levels of stability and performance of the system;
- Implement the best possible levels of privacy and reliability of the platform in coherence with the latest EU-wide regulations.

Solution

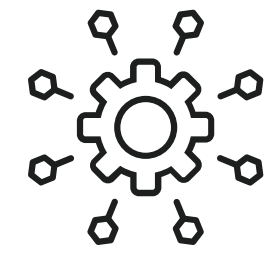
Infopulse developed a user-friendly solution based on the cutting-edge Microsoft cloud technologies to ensure unparalleled levels of scalability, performance, and security, which would allow Agency's customers to pay for the previously mentioned services:

- Developed an efficient solution based on the Microsoft Azure platform
- Automated common manual tasks for business users and agency's customers;
- Complex serverless architecture for quick automated payments processing;
- Integration of Secure Hosted Payment Page (HPP) gateway plugin by Global Payments, an international provider of online payment solutions, for additional privacy of end-users and a customized look and feel of payment form in accordance with agency's branding;
- Implemented the best security practices, such as 3D security, and PSD2;
- Full security compliance with European standards and regulations, including PCI DSS, ISO, and GDPR;
- Integration with internal processing system to handle requests in accordance with Agency's business processes.

Technologies



Azure and related services



Microservices



.NET Core




Angular



ASP.NET
Asp.Net Core



Microsoft Dynamics CRM




Realex Payment API Server



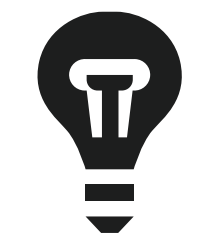
Azure Web App



Azure Web Jobs



Azure Service Bus



AppInsight



Azure Blob



Azure Table



DevOps

Business Value

Solution developed by Infopulse fully satisfies the need for thousands of Agency's customers to pay for its services with instant and accurate online payments available on-the-go:

- Improves operational efficiency with accelerated workflow for business-users
- Fully customized to suit the business model of Infopulse client
- Optimized and available for all OSs and handheld devices
- Quick deployment process without downtimes
- Secure and transparent service for end-users
- Reduced maintenance load and costs





About Infopulse

Infopulse, part of the leading Nordic digital services company TietoEVRY, is an international vendor of services in the areas of Software R&D, Application Management, Cloud & IT Operations, and Cybersecurity to SMEs and Fortune 100 companies across the globe. Founded in 1991, the company has a team of over 2,300 professionals and is represented in 7 countries across Europe and the Americas.

Infopulse is trusted by many established brands, such as BICS, Bosch, British American Tobacco, Credit Agricole, Delta Wilmar, ING Bank, Microsoft, Offshore Norge, OLX Group, OTP Bank, SAP, UkrSibbank BNP Paribas Group, Vodafone, Zeppelin Group, and others.

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