



Case Study

Shapr3D Rapidly Connects its ERP to the Citi Payment System via OpenLegacy



Shapr3D is a computer-aided design software made for mechanical engineers and industrial designers. Since its inception in 2014, the Budapest-based startup has won the prestigious Apple Design Award, launched its macOS and Windows versions, and secured multiple funding rounds. Today, with over 120 employees, Shapr3D relentlessly works on creating a 3D modeling application that sets a new standard in its industry.



The Challenge

Shapr3D recently implemented a new cloud-based ERP system, Microsoft Business Central, and needed a secure way to connect their ERP to Citi's Payment system using REST APIs.

Microsoft Business Central resides on Microsoft Azure and could not support the secure connection required for Citi payments, nor could it be extended with the necessary integration logic.



The Solution

With OpenLegacy Integration platform and world-class experience in connecting disparate systems and technologies, allowed OpenLegacy to connect the Shapr3D ERP to Citi's Payment system using REST APIs quickly and securely.

To collect the necessary data from Shapr3D's ERP, a light Microsoft Business Central extension was created for the ERP, which resides in the Microsoft Azure environment. An advanced Azure function was built outside Business Central to do the heavy

processing and communicate with the Citi Payment system's REST APIs.

Both functions run under the same MS Azure subscription and use common Shapr3D's internal security tools and resources (e.g., AZ Key Vault).



The Result

OpenLegacy's ability to connect 'anything to anything' made it able to solve Shapr3D's challenge and connect its cloud-based legacy ERP system with Citi's Payment system using REST APIs.

The ease and simplicity of OpenLegacy's platform made the learning curve extremely short, and Shapr3D was able to start using the system independently very quickly.

"Working with OpenLegacy was a very pleasant surprise compared to the service level of other 3rd party IT solution providers – the flexibility and proactivity of the team allowed us to come up with a tailor-made, easy-to-use solution, while the collaboration was so smooth that it felt like we have an in-house developer team."

Mate Zsombok
Head Of Finance at Shapr3D