

Case Study

UPC Poland gains greater independence when building APIs

Integrated core systems with Google Anthos quickly and efficiently



3 days
or less to create APIs

↓
**lowered dependence on
outside vendors**

UPC Polska is a subsidiary of Liberty Global—one of the world's leading converged video, broadband and communication companies, with operations in six European countries under the consumer brands Virgin Media, Telenet and UPC. UPC is the largest digital cable television company and one of the largest broadband Internet providers in Poland, offering broadband Internet, digital television, mobile and VOIP telephony to more than 1.5 million customers and more than 3.5 million households network reach. UPC is using OpenLegacy's platform to develop APIs on top of their legacy systems.

Telecom ■ Google Anthos ■ API Factory



The Challenge

Build APIs in-house, instead of depending on vendors

As part of UPC's digital transformation, they depended on vendors to provide the APIs to connect individual proprietary platforms to UPC's existing systems. This process was slow, costly, inefficient and impacted their time-to-market. These challenges included:

- Processing costs for every interface change or update
- Processing time to accommodate requirements gathering, cost estimation/acceptance, PO coordination, resource assignments, design, development, testing, and release
- Lack of flexibility - problems with complex legacy systems integrations and lack of web GUI for existing APIs

- Lack of compartmentalization - inability for parallel development by two vendors, impact of the same API on different consumers, translation layers required for connected systems, and more

UPC wanted to use microservices to improve flexibility and resilience. To assist in the transition to microservices, they chose Google Anthos, which helps customers run microservice-based applications at scale by creating a service mesh environment, and allows easy coordination with cloud-based services.

However, UPC could not enjoy the full benefits of Google Anthos due to limited integration between Anthos and its legacy systems. They needed a platform that could plug the microservice into Anthos; for this, it needed to simplify large legacy-heavy digital transformations quickly and efficiently.



The Solution

Use OpenLegacy platform to start generating business value ASAP

The OpenLegacy solution delivered the following benefits:

- On-boarding support including installation and quick delivery of the first 5-10 APIs
- Both on- and off-site super user support in Poland, including training and documentation
- Flexible engagement model with no vendor lock-in – all generated code is proprietary to UPC
- Significantly lower TCO, no infrastructure cost, increased autonomy

OpenLegacy mitigated UPC's client-specific risks by focusing on the value and flexibility of the platform rather than a specific core application connection. OpenLegacy's automated API and microservices creation delivers a low-code solution, streamlining workflow. Furthermore, the microservices increase flexibility of deployment.

OpenLegacy helped UPC create an API Factory model in which APIs and microservices get released to production quickly and consistently, like a "traditional" factory assembly line. The "factory" generates the YAML files used natively within Anthos, enabling UPC to become digital to the core.



The Result

No more waiting for vendors

UPC created APIs within two to three days. UPC transformed from being vendor-dependent to being independent and agile. They can create APIs in parallel, which was a challenge when they were depending on vendors, whose changes had to be implemented one at a time.



The OpenLegacy project provides greater independence for our digital transformation with a simplified process that saves time and reduces integration costs.



Katarzyna Zaskurska, Director IT Systems and Application Support, UPC

Faster Time-to-Market

Services used to take 2.5 months to design, build and deploy. Now that process takes just 3 weeks.

Increased flexibility

Consumers get a more streamlined interface because the GUI can be updated more easily with a microservices-based back end.

About OpenLegacy

OpenLegacy's Digital-Driven Integration enables organizations with legacy systems to release new digital services faster and easier than ever before. Connecting directly to even the most complex core systems, OpenLegacy automatically generates the digital-ready components needed to integrate legacy assets into exciting new innovations. With OpenLegacy, industry-leading companies release new apps, features, and updates while spending a fraction of the time and resources, so they quickly and easily become digital to the core.