# How Packeta has spread its wings **thanks to CodeNOW**

Packeta is a global digital e-commerce platform providing complex technological and logistics services to millions of customers.

## SITUATION

Packeta had experienced massive growth in the wake of Covid-19. They were serving the Czech Republic with about 9K pick-up points and had plans for further expansion. However, they were restricted by their monolithic structure which made the growth and implementation of new features difficult.

They also had a widget that did not work well on mobile phones and tablets and would only get slower as they added additional pick-up points.

## SOLUTION

A small, focused team consisting of one architect (part-time), one backend developer, and one frontend developer (both full-time) migrated from their monolithic structure to CodeNOW, a cloud-native solution that is more responsive, increases customer experience and delivers features faster in an agile structure.

Most importantly, with improved RAM and hardware, CodeNOW would make Packeta indefin1tely scalable. This way, the widget could scale up to 100 million pick-up points without any additional lag.

## AT A GLANCE

### CHALLENGES

- Slow Widgets
- Monolithic Structure
- Not Scalable
- No incident management or logging

### BENEFITS

- Handles 100x more data
- More responsive app, customer experience increased, especially on mobile phones and tablets
- Implemented flexible and scalable development



## BENEFITS

### Reduced dependencies

between teams. A single team can deliver a product end to end. For example, when Packeta wanted to add return delivery feature, they were able to implement a service provided by a 3rd party. Packeta was also able to assess the outcome and decide whether they wanted to use this new feature to test and expand on successful methods.

### Implemented Scalable Approach

Packeta was able to prove that this method works. They could move from a monolithic structure (that would not be able to keep up) to microservice-driven architecture. Packeta implemented a flexible and scalable approach so it could gradually remove the monolithic services and move them to CodeNOW as a target solution.

*"We Just focused on the app itself, without infrastructure pain. We didn't have to solve how to build pipelines, do deployments and configurations, create environments, test databases, or solve the Kubernetes administration. Which is great. We didn't have the necessary Kubernetes skills in-house. The developers we added to the project were cheaper and easier to find, because in their skill set there was no infra knowledge"*

**ADAM HORZENBERGER**
Group CTO at Paketa