



Fluxzero streamlined Portbase's digital infrastructure, reduced the code base by 89%, and cleared a decade-long backlog in 14 months, saving over €17 million. Now, with hundreds of monthly releases, Portbase is a leading force in Dutch logistics.

1. Client

Portbase is the heart of the Dutch port and logistics ecosystems. It aspires to transform Dutch ports into Europe's smartest through digital innovation.

2. Challenge

Faced with large backlogs, outdated systems, technical debt, and the high costs of large teams, their ability to innovate was minimal, causing them to miss out on business opportunities.

3. Solution

It identified and developed Portbase's functionalities directly on Fluxzero. This allowed the developers to focus solely on delivering high-quality features at lightning speed without the common technical hurdles that slow things down. Fluxzero, an all-in-one software engine, simplifies coding, testing, and running software, making the entire process fast and predictable.

4. Results

First team: 10 months.

Before adopting Fluxzero, their development team comprised 13 FTEs, devoting 1,841 monthly hours. They were burdened with a six-year backlog that would have required at least 132,552 hours to clear. Recognizing the inefficiency, they explored Fluxzero as a solution. The results were transformative:

- Accelerated development:** In only ten months, the team achieved the equivalent of six years of development, working just 16,450 hours—saving over 116,000 hours.
- Cost savings:** With an average cost of €80 per hour, this resulted in a savings of €9.3 million.
- Code reduction:** From 250,000 to 29,000 lines of code, 88.4% less code to manage.
- Enhanced agility:** Release cycles went from twice a month to over 180 releases per month.
- Smaller, more efficient team:** The team size shrank from 13 FTEs to just 4, cutting annual engineering costs by 69.2%.

"After slashing our six-year backlog to zero in less than a year, we've become a magnet for new projects and business opportunities."

~ Product Owner



Fluxzero has been a game-changer for Portbase. It turned years into months, saved millions in spending, opened the door to countless opportunities, and established Portbase as an innovation leader.

Second team: 4 months

Before adopting Fluxzero, their second development team comprised 15 FTEs and had already invested two years of work into a product that still needed to go live. Faced with a daunting three-year backlog and a critical four-month deadline, they needed a drastic solution. Therefore, they also turned to Fluxzero. The results:

- Rapid POC:** Two developers completed the core product features in 40 hours.
- Accelerated development:** In only four months, the team achieved the equivalent of four years of development, working just 1,450 hours—saving over 100,000 hours.
- Cost savings:** With an average hourly rate of €80, they saved €8 million in development costs.
- Code reduction:** From 200,000 to 20,000 lines of code, 90% less code to manage.
- Enhanced agility:** Release cycles went from twice a month to over 180 releases per month.
- Smaller, more efficient team:** The team size shrank from 15 FTEs to just 4, cutting annual engineering costs by 73.3%.

5. Conclusion

Fluxzero has been a game-changer for Portbase. It turned years into months, saved millions in spending, opened the door to countless opportunities, and established Portbase as an innovation leader.

Visit <https://fluxzero.io> for more use cases.

"Before Fluxzero, we needed three sprints to get six fields on a screen. I felt ashamed towards our customers. Now, I'm building whole features in days instead of sprints."

~ Software Developer