

AI-augmented software transformation in B2B industrial services

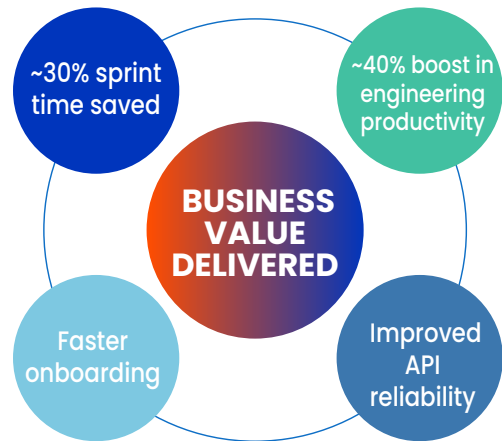
Industry: B2B eCommerce (Factory equipment)

Headquarters: Netherlands | AI integration started: Q4 2023

PROBLEM STATEMENT

Eriks was facing rising development overhead, fragmented documentation, slow QA cycles, and under-leveraged data across tools. Despite robust processes, inefficiencies in story creation, test coverage, and API validation limited speed and scale.

The goal: unlock agility, precision, and developer productivity using AI across the SDLC.



AI in development & QA

- 60–70% code snippets assisted by GitHub copilot
- 80–90% of new unit tests generated via copilot chat
- 2–3x faster regression test cycles
- Up to 40% reduction in coding effort for repetitive tasks

AI-DRIVEN EFFICIENCY & PRODUCTIVITY GAINS

AI in project & API management

- 50–60% time saved on Jira story creation via Atlassian AI
- 70% faster confluence documentation updates
- 100% API coverage achieved in one-click using PostBot collections
- 20–30% increase in test accuracy due to AI-based performance verification

INTELLIGENT SDLC MODERNIZATION

Before AI	Area	After AI integration
Manual, 1–2 hours/sprint	Story creation	AI-assisted, ~30 minutes
Manual test case creation	API testing	1-click PostBot test collections
Written post-dev, inconsistent	Unit testing	Added with code via copilot suggestions
Outdated, manual formatting	Documentation	Live updates via Atlassian AI
Review cycles 2–3 days	Code quality	Errors caught early, improved suggestions

TOOLS & TECHNOLOGIES IN USE

- GitHub Copilot
- Atlassian AI (Jira & Confluence)
- PostBot by Postman
- React.js
- Java (IntelliJ)
- Cypress & Playwright

“Eriks redefined productivity by shifting from human-intensive SDLC to AI-enhanced collaboration – a leap from functional to transformational delivery.”