

# Legacy Systems Modernization for SaaS Tools & Internal Systems

Are your systems **holding you back?**

You don't always need to rebuild from scratch – **modernization can reduce costs by 40-60%**

Our Offer Is Designed for Companies That:

- Struggle with **growing complexity across internal systems**.
- Need **better data visibility, integration, and automation**.
- Prefer a **low entry threshold** – we start with **code analysis** and a **PoC (USD 1,250–3,800)**.



# What Problems Do We Solve in Internal Tools & SaaS Platforms?

- **Data scattered across tools** – no single source of truth makes it hard to plan, analyze, or act.
- **Manual workflows** – time-consuming processes like time tracking, reporting, or task allocation reduce productivity.
- **Lack of integration** – disconnected tools block automation and scalability.
- **Legacy logic & technical debt** – each update requires complex workarounds or breaks existing features.
- **Poor UX and accessibility** – unintuitive interfaces make adoption difficult across teams and may fail **WCAG 2.1 compliance**, required by law from June 2025 (if the system supports public users)

## Why Trust Us?

We've modernized internal tools for growing tech organizations – and for ourselves. **LINK**, our internal platform, was born from these same pain points.

Instead of pointing fingers, we focus on creating a practical action plan and **modernizing your existing systems step by step**.

# How We Work,

## Without Disrupting Daily Operations



- **We don't start with refactoring – we start with a conversation.** Before touching any code, we talk with you and analyze your business needs. We only refactor when necessary – not just because “the code looks bad”.
- **We map dependencies.** We identify **critical flows** (e.g., reporting, resource allocation) to ensure continuity during modernization.
- **We don't rewrite everything from scratch.** We reuse working parts of your code that already contain valuable business knowledge. We apply proven techniques like **the strangler pattern** to separate new components from the legacy system safely.
- **We audit with a clear purpose.** Using **static code analysis tools**, we evaluate code quality, detect dead fragments, and review change history. Even at this stage, we identify risks and quick wins that bring improvements with minimal cost.
- **We bring every project in line with our engineering standards.** From day one, we introduce **CI/CD**, clean up local environments, and organize documentation. This gives your project a solid structure, making further development easier and more affordable.

On the following pages we present selected projects:

# LINK – Project & Resource Management Platform

**Industry:** IT/Software Development

**Technologies:** PHP, Symfony, Vue.js, JavaScript

**Project scope:** Modernization and migration of a legacy system to modern technologies, optimization of resource and project management processes.

## CHALLENGE:

### Outdated system and fragmented tool ecosystem

- The system, built over a decade ago, had a **closed architecture** that blocked development, optimization, and the introduction of new features
- **Lack of integrations** – data had to be manually entered into multiple tools, leading to errors and inconsistencies
- **Limited control over resources** – challenges in planning team availability and project assignments
- **Difficult reporting** – data scattered across tools made it hard to analyze time tracking and project profitability
- **Inefficiency** – every change required time-consuming manual synchronization

## KEY CHANGES:

### Modernization and system optimization

- Migration to modern tech stack – PHP + Symfony (backend), Vue.js + JavaScript (frontend)
- **Architecture transformation** – key modules re-written to allow scalability and future growth
- **Integration with business tools** – automatic synchronization with HubSpot, Timecamp, Upwork
- **Process standardization** – unified logic for resource allocation and reporting
- **LINK as the single source of truth** – all team, project, and client data in one place

## RESULT:

### Time and cost savings

- **Efficiency** – reduced time spent on project and resource management
- **Scalability** – a system that grows with the company
- **Approx. \$12,000 saved per year:**
  - ~\$10,000 – eliminated cost of third-party time tracking software
  - ~\$2,000 – reduced infrastructure costs from old systems
- **More than 700 hours recovered annually through automation:**
  - ~700 hours of manager time saved
  - ~40 hours – finance controller time saved
- **Transparency** – quick access to up-to-date information
- **Reporting automation** – better, data-driven decision-making

**Teamwork - Simplified with LINK**  
All Your Company's Information in One Place, Accessible Instantly  
GET STARTED TODAY

**What is LINK?**  
LINK is your **all-in-one** tool to boost productivity and simplify your work life. It centralizes everything you need to know about clients, projects, teams, and the allocations. Whether managing schedules, tracking time, appreciating your colleagues, or generating insightful reports, LINK has your back.

**From an Internal Need to an Innovative Business Solution**  
At Polcode, continuous process improvement is the key to our success. When we noticed that using multiple, unintegrated tools was starting to hinder our efficiency, we knew it was time for a change. That is how LINK was born.

Initially, our goal was to optimize time tracking analysis. However, we quickly discovered that the problem ran much deeper. Inconsistencies in client and project naming across different systems, difficulties in assessing client profitability, and limitations of an outdated system were just some of the challenges we faced.

**Key Features of LINK**

- Management: Comprehensive management of clients, projects, and teams
- Profile: Detailed employee profiles, including skills and availability
- Integration: Integration with existing tools such as HubSpot and Upwork
- Time tracking: A new tracking module that allows easy and accurate time tracking



# Our Approach That Works

## REAL EXPERTISE

no experimentation, just frameworks and tools we've mastered in SaaS environments.

## ACTIONABLE RECOMMENDATIONS

we look at your system as a whole, evaluating:



code quality & maintainability,



infrastructure costs and readiness,



UX + accessibility compliance (WCAG 2.1 readiness),



CI/CD and release workflows,



potential for automation & AI (e.g., smart suggestions, reporting triggers)

# Our Specialties



## Pre-modernization consulting & analysis

identifying critical elements and priorities.



## Modernizing PHP-based legacy systems

including systems built without frameworks or on older ones like Zend, Kohana, CodeIgniter, and Slim.



## Frontend modernization

migrating to modern JavaScript frameworks (React, Vue.js), improving UX and design compliance.



## Modular redesigns

decoupling backend logic to support integrations.



## Internal tool consolidation

bringing time tracking, project planning, and reporting into one source of truth.

## How We Care for Our Code?

- **Consistent coding standards** – clean structure and easy scalability.
- **CI/CD automation** – testing, static analysis, and seamless deployment.
- **Security at every stage** – vulnerabilities are eliminated during development to minimize risk.
- **Accessibility in focus** – we build with WCAG 2.1 and usability in mind.



## What We Don't Do?

- We don't provide quotes without **code access and clear business goals**.
- We don't work with **technologies outside our scope** or **closed systems that can't be modified or safely maintained**.



# How Collaboration Works?

## Tangible results within the first month

our QA and modernization efforts deliver noticeable benefits early on, providing a solid foundation for further system development.

**We start with a Proof of Concept (USD 1,250–3,800)**, which includes a complete cost estimate and recommendations for next steps – with no obligation for long-term commitment. This phase gives you a clear analysis to help plan your next actions and budget.



# Show Us Your Internal Toolset

## We've been there...

If your internal system is messy, outdated, or slowing your team down, we've **solved the same problem in our organization.**

We can bring that clarity and efficiency to yours.

## Contact:

E-mail: [sales@polcode.com](mailto:sales@polcode.com)  
[www.polcode.com](http://www.polcode.com)



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# Resources

## Learn More About Modernization

