



BOHIOSYSTEM

● SERVICE DATASHEET · BOHIOSYSTEM

Software Engineering

We design and build custom software that withstands business growth and can be maintained years after delivery.

DOCUMENT

BS-SVC-01

VERSION

1.0

DATE

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PREPARED BY

BohioSystem

BohioSystem

bohiosystem.dev · Confidential

THE SERVICE

We build software that **someone else can maintain**. That is the difference between a system that lasts and one that has to be rebuilt in two years.

We develop custom web applications, APIs, portals, and internal systems, from framing the problem through to production operation. We do not deliver code and disappear: we deliver a documented, tested, deployable system, with the client's team able to work on it.

We work in functional increments. At the end of each milestone there is something usable and evaluable, not a percentage of progress against a document.

Custom

NO VENDOR LOCK-IN

By milestones

VERIFIABLE PROGRESS

100%CODE AND
DOCUMENTATION ARE
YOURS**CI/CD**

FROM DAY ONE

01

What we solve

These are the situations we see most often, and what they actually cost.

COMMON SITUATION	WHAT IT MEANS FOR THE BUSINESS
The current system cannot handle growth	What worked with 50 users breaks down with 500. Every improvement breaks something else, and the team spends more time firefighting than building.
Dependence on a single person	Only one developer understands the system. If they leave, the knowledge leaves with them and the business is exposed.
Processes that live in spreadsheets	Duplicated information, conflicting versions, and decisions made on data that is no longer accurate.
Off-the-shelf software that does not fit	You pay for licenses covering features that go unused, while exactly what differentiates the business is missing, so the team ends up working around the system.
Fragile integrations	Systems that do not talk to each other and are synced by hand, with human error as the only quality control.
Every deployment is a risk event	Releasing to production is scary, so releases happen rarely, and when they do, the change is so large that something breaks.

02

What the service includes

01 Web applications and portals

Complete business systems: back office, customer portals, internal platforms, and public-facing applications.
Modular architecture · Authentication and roles · Responsive design · Accessibility · Admin panel · Multi-tenant where applicable

02 APIs and integrations

We connect systems that do not talk to each other today: proprietary systems, third-party services, payment gateways, ERPs, and external platforms.

REST and GraphQL APIs · Webhooks and queues · Versioned contracts · OpenAPI documentation · Retries and idempotency

03 System modernization

Rewriting or progressively refactoring legacy systems, without stopping operations while it happens.

Phased migration · Strangler pattern · System coexistence · Verified data migration

04 Quality and testing

The safety net that lets you change the system without fear. It is the first thing cut and the most expensive to skip later.

Unit and integration testing · End-to-end testing · Code review · Static analysis · Load testing

05 Continuous delivery

Deploying stops being an event and becomes routine. Less risk per release and the ability to roll back in minutes.

Automated pipelines · Separate environments · Zero-downtime deployment · Fast rollback · Semantic versioning

06 Documentation and handover

The goal is for you not to depend on us. We document so your team can operate and evolve the system.

Architecture document · Technical manual · Runbooks · Handover sessions · Onboarding for new developers

03

How we work

In short stages, with something verifiable at the end of each one.

PHASE	WHAT HAPPENS	WHAT YOU KEEP
01 · Discovery	We understand the business, the current state and the real constraint.	Diagnosis and agreed scope.
02 · Design	We define the solution, its risks and its execution plan.	Architecture and milestone plan.
03 · Build	We implement in verifiable increments, not in a single delivery.	Functional progress per milestone.
04 · Go-live	Controlled deployment, testing and knowledge transfer.	Solution in production and team trained.
05 · Evolution	Operation, measurement and continuous improvement under a service agreement.	Periodic report and living roadmap.

04

What you receive

Code and repository

- Repository with complete history.
- Branches, code review, and conventions.
- No hidden proprietary dependencies.
- License and ownership fully belong to the client.

Automation

- Integration and deployment pipelines.
- Development, test, and production environments.
- Infrastructure as code where applicable.
- Backups and restore procedure.

Documentation

- Architecture document (SAD).
- Technical specifications.
- Operations manual and runbooks.
- API documentation.

Handover

- Recorded handover sessions.
- Onboarding guide for the team.
- Post-delivery support period.
- Technical warranty on what was delivered.

05

Technologies we work with

We choose the tool for the problem, not by trend or by agreement with a vendor.

TYPESCRIPT

NODE.JS

REACT

NEXT.JS

PYTHON

FASTAPI

DJANGO

GO

POSTGRESQL

MYSQL

MONGODB

REDIS

DOCKER

KUBERNETES

GITHUB ACTIONS

GITLAB CI

REST

GRAPHQL

OPENAPI

06

Engagement models

MODEL	HOW IT WORKS	WHEN IT FITS
Fixed project	Defined scope and deliverables, agreed price and timeline.	Bounded needs with a clear objective.
Monthly retainer	Reserved team capacity month to month.	Continuous evolution and sustained support.
Dedicated team	Profiles assigned exclusively under your direction.	Long programs or high workload.
Hour bank	Consumable hours with agreed priority.	Variable demand or one-off work.

07

Our commitments

COMMITMENT	HOW IT IS MET
The code is yours	Repository, documentation, and rights belong to the client from day one, not at the end of the project.
No vendor lock-in	We use standard technology and document so that any competent team can continue the work.
Verifiable progress	Each milestone delivers working software in an environment the client can test.
Technical warranty	Free correction of defects attributable to what was built, during the agreed period after delivery.

COMMITMENT	HOW IT IS MET
Communication with one voice	A dedicated technical lead and a progress report on a fixed schedule.

ON ESTIMATES

We do not give a fixed price before understanding the problem. When the scope is not clear, we propose a short, paid, bounded discovery phase that ends in a firm proposal. That is more honest than a made-up number that has to be renegotiated later.

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Next step

GET STARTED

A one-hour session, at no cost, to review your current situation and define together the minimum scope to start with.

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