



BOHIOSYSTEM

● SERVICE DATASHEET · BOHIOSYSTEM

Data & BI

We turn scattered data into information you can decide on: integration, modeling, dashboards, and a single version of every number.

DOCUMENT

BS-SVC-11

VERSION

1.0

DATE

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PREPARED BY

BohioSystem

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bohiosystem.dev · Confidential

THE SERVICE

The problem is rarely a lack of data. It's that every department brings a different number to the same meeting, and the discussion is about the figure instead of the business.

We integrate the company's information sources, define how each indicator is calculated, and build the dashboards where they are reviewed. The goal is not to have charts: it is for decisions to be made on data that no one disputes.

The hard part is not technical, it is about agreement: what counts as a sale, when a customer is considered active, what is included in the margin. That agreement is half the project.

One version

OF EVERY NUMBER

AutomatedNO MANUAL
CONSOLIDATION**Traceable**FROM DASHBOARD TO
SOURCE**Documented**

METRICS DICTIONARY

01

What we solve

How the lack of a shared data foundation shows up.

COMMON SITUATION	WHAT IT MEANS FOR THE BUSINESS
Every department brings its own number	Sales, finance, and operations report different figures for the same month because each calculates it its own way.
Reports are built by hand	Someone spends days consolidating spreadsheets. By the time the report arrives, the information is already stale.
Data lives in silos	The sales system, the accounting system, and the operations spreadsheet never cross-reference, so there is no way to see the full process.
Decisions are made by gut feel	Not for lack of judgment, but because getting the data in time costs more than deciding without it.
Lost history	Systems store the current state and overwrite the previous one, so trends over time cannot be analyzed.
Dashboards no one looks at	A tool was purchased and dashboards were built, but they don't answer the questions the business actually asks.

02

What the service includes

01 Source integration

Bringing into one place the information that today lives scattered across systems, spreadsheets, and external services.

Extraction from databases and APIs · Scheduled or continuous loading · Spreadsheets and files · External services · Quality control at intake

02 Analytical data model

Organizing information to answer business questions, not to run transactions.

Dimensional model · Change history tracking · Defined granularity · Applied business rules · Semantic layer

03 Metrics dictionary

The written agreement on what each indicator means. It's what ends the arguments over the numbers.

Definition per metric · Calculation formula · Source of origin · Data owner · Update frequency

04 Dashboards and visualization

Dashboards built around the decisions that need to be made, not around the catalog of available data.

Executive dashboard · Operational dashboards by department · Segmentation and comparisons · Role-based access · Scheduled delivery

05 Data quality and governance

Making the data reliable and giving it an owner. Without an owner, quality degrades on its own.

Validation rules · Anomaly detection · Ownership by domain · Traceability to the source · Access control

06 Advanced analytics

Once the foundation is in order and there is enough history, you can move from describing to anticipating.

Cohort analysis · Demand forecasting · Segmentation · Profitability analysis · Deviation detection

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

Platform

- Operational data warehouse.
- Automated loading processes.
- Load monitoring.
- Defined retention policy.

Dashboards

- Executive dashboard.
- Dashboards by operational department.
- Role-based access configured.
- Scheduled delivery to recipients.

Model

- Documented analytical model.
- Agreed metrics dictionary.
- Traceability to the source.
- Explicit business rules.

Adoption

- Training by user profile.
- Reading guide for each dashboard.
- Training to build custom views.
- Support through the first closing periods.

05

Technologies we work with

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

POSTGRESQL

BIGQUERY

SNOWFLAKE

DUCKDB

DBT

AIRBYTE

METABASE

SUPERSET

POWER BI

LOOKER STUDIO

PYTHON

PANDAS

N8N

GRAFANA

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
One definition per metric	No indicator goes into a dashboard without a written definition approved by its business owner.
Full traceability	From any figure on the dashboard, you can trace back to the source record that produced it.
No license lock-in	We propose open tools when they cover the case, and flag the cost of proprietary alternatives.
Dashboards that answer questions	We start from the decisions the business needs to make, not from the data that happens to be easy to chart.
The data belongs to the client	The model, transformations, and dashboards are documented and portable to another tool.

THE CONVERSATION THAT SETS UP THE PROJECT

Before connecting anything, we ask what decisions get made every week and what data would help make them better. If that list is empty, the project isn't about data: it's about defining what you want to manage. And that work costs less than a data warehouse no one queries.

08

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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