



BOHIOSYSTEM

● SERVICE DATASHEET · BOHIOSYSTEM

Infrastructure

We design and operate the physical and logical foundation the business runs on: servers, networks, virtualization, backup and continuity.

DOCUMENT

BS-SVC-07

VERSION

1.0

DATE

August 1, 2026

PREPARED BY

BohioSystem

BohioSystem

bohiosystem.dev · Confidential

THE SERVICE

Infrastructure is only noticed when it fails. Our job is to make sure it gives no signs of life, and that when something does break, the business keeps operating.

We cover the full cycle: design, implementation, documentation and operation of servers, networks, storage, virtualization and backup systems, whether on-premises or in hybrid schemes with the cloud.

A good part of our work starts with an honest inventory. It is surprisingly common that no one in the organization knows for certain what equipment exists, what runs on it, and who holds the credentials.

Hybrid

ON-PREMISES AND CLOUD

Documented

NO TACIT KNOWLEDGE

Tested

BACKUP AND RESTORE

24/7

OPERATION AVAILABLE

01

What we solve

What we find when we do the first assessment at a company.

COMMON SITUATION	WHAT IT MEANS FOR THE BUSINESS
No one knows what is there	There is no inventory. Servers are running that no one can identify, and no one dares turn off, just in case.
Backups that were never tested	The system reports a nightly backup. A restore has never been attempted, so no one actually knows if it works.
A single point of failure	A switch, a server or a link that the entire operation depends on, with no redundancy or spare.
Equipment out of support	Hardware and operating systems that no longer receive security updates, still holding up critical processes.
The network grew without a design	It expanded out of necessity: everything on the same flat network, unsegmented, with unlabeled cabling.
No adequate power protection	Uninterruptible power systems with depleted batteries, or without enough capacity for an orderly shutdown.

02

What the service includes

01 Design and implementation

Defining and building infrastructure to match the real workload, with planned growth and a bounded budget.

Sizing · Equipment selection · Virtualization · Storage · Electrical and cooling design · Installation and go-live

02 Enterprise networks

Segmented, documented and stable networks, with separation between administrative, production and public traffic.

VLAN segmentation · Routing and firewalls · Enterprise wireless networks · Links and redundancy · VPN and remote access · Labeling and diagrams

03 Backup and continuity

A recoverable copy that exists, and that someone has actually verified can be restored.

Policy by data type · 3-2-1 rule · Immutable copies · Restore testing · Disaster recovery plan

04 Virtualization and consolidation

Reducing the number of physical machines and making better use of what has already been purchased.

Proxmox, VMware or Hyper-V · Physical server migration · High availability · Snapshots and cloning · Capacity planning

05 Inventory and documentation

The deliverable with the highest long-term payoff, and the one that almost never exists when we arrive.

Asset inventory · Network and rack diagrams · Service and dependency matrix · Credentials under a password manager · Contracts and support expiration dates

06 Monitoring and maintenance

Continuous monitoring and preventive maintenance so failures are caught before they cause impact.

Equipment and service monitoring · Threshold-based alerts · Planned updates · Capacity review · Scheduled physical maintenance

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

Documentation

- Complete asset inventory.
- Network and rack diagrams.
- Service dependency matrix.
- Contract and warranty records.

Continuity

- Backup policy by data type.
- Tested and documented restore process.
- Disaster recovery plan.
- Contingency procedure.

Infrastructure

- Configured and labeled equipment.
- Segmented and documented network.
- Virtualization with high availability.
- Properly sized power protection.

Operation

- Monitoring with active alerts.
- Runbooks for routine tasks.
- Maintenance calendar.
- Training for the internal team.

05

Technologies we work with

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

PROXMOX

VMWARE

HYPER-V

LINUX

WINDOWS SERVER

MIKROTIK

UBIQUITI

PFSENSE

ZABBIX

VEEAM

TRUENAS

ZFS

WIREGUARD

ACTIVE DIRECTORY

BITWARDEN

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
Verified restore	We do not sign off on a backup policy until we have successfully restored it in a test environment.
Everything documented and labeled	Every device, port and cable is identified. Documentation is delivered and kept up to date.
No personal credentials	Access is managed through a corporate password manager, not in anyone's personal notebook.
Planned interventions	Every change with impact is scheduled, communicated, and has a written rollback plan.
No hidden commissions	We recommend equipment based on technical criteria. If there is a distribution margin, it is disclosed.

ON-PREMISES, CLOUD, OR BOTH

The answer depends on the case, not on trends. Stable, predictable workloads are usually cheaper on owned infrastructure; variable and seasonal ones, in the cloud. In almost every case, a hybrid scheme is the sensible choice. We evaluate it using total cost over three years, not the price of the first month.

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.

CONTACT

contacto@bohiosystem.dev

WEB

bohiosystem.dev

DOCUMENT

BS-SVC-07 · v1.0