BARDIN GATE
Secure data transfer between isolated networks

2U RACK-MOUNT APPLIANCE

Keep the network apart, not the work

Bardin Gate moves data between your internal and outside networks without the two ever being connected, not even for a moment; and you always know who brought what.

For: Senior managers, and heads of IT and security, in organisations that keep their networks apart

In this catalog: The everyday pains, how Bardin Gate works, who brought which file and when, what it moves and why managers trust it

https://www.bardin.tech/en/bardingate/

Sound familiar?

We blocked USB drives; now every file is a saga
A request, a letter, a wait, and in the end someone who finds a way around it.

Security or speed, pick one
Each time you connect the network you buy risk; each time you keep it apart, work moves by USB drive and by hand.

Nobody knows exactly which files came and went
Until the day an auditor or an incident asks.

One USB drive is enough
Many well-known attacks on separated networks, Stuxnet among them, came in this way.

Blocked USB drives? Now make moving files simple too

Blocking USB drives is the right step, but the organisation's work does not stop. With Bardin Gate, users send their file from their own desk:

1. **From the desk**
The user sends the file from their own computer.

2. **Scanned**
The file is checked by antivirus and the appliance's inspection engines.

3. **Approved**
Where needed, a person approves it.

4. **Delivered**
The file reaches its destination.

No USB drive, no letters, no getting around the rules.

Files move the way your rules say, and every move is on record.

You always know who brought each file, and when

For every file that comes in or goes out, the record holds:

Who
Who sent it, and from which computer.

When
The time of every transfer.

What it passed
The checks it went through, and who approved it.

Where it went
The destination it was delivered to.

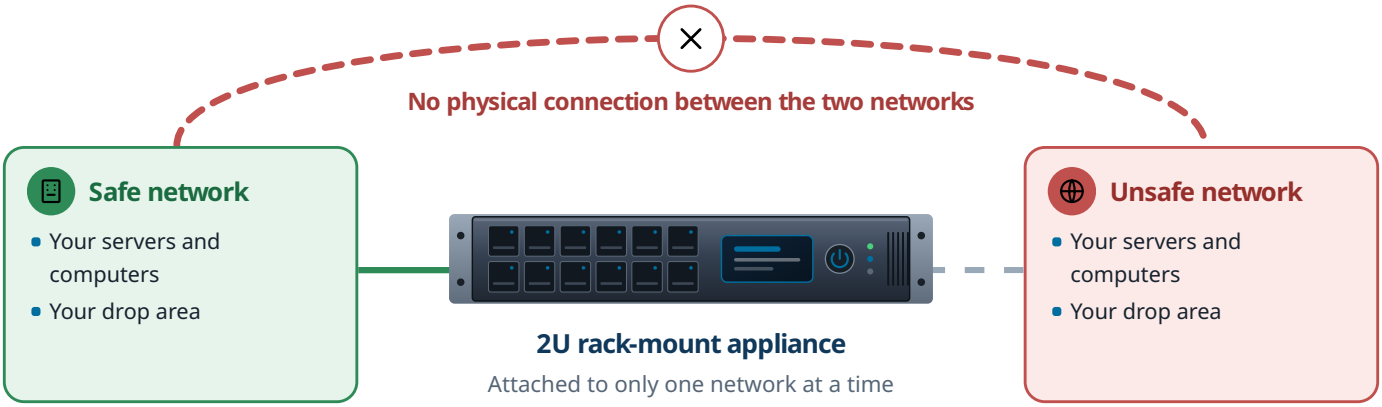
File tracing

Hand a file you found on your network to the console, and it shows where it came from, when, and who brought it. Every transfer also carries a signed certificate that proves it.

> **The answer is ready**
> The day an auditor, an inspector or an incident asks "how did this file get in?", you already have the answer.

What Bardin Gate does

One appliance between two networks, connected to only one of them at a time:



The two networks are never joined. The appliance attaches to one of them at a time and fully disconnects before it moves to the other.

1 — It takes
It connects to one side and receives the data.

2 — It holds
The data stays in the appliance and is controlled by your rules.

3 — It delivers
It connects to the other side and delivers the data.

The two networks are never connected at the same time; a real air gap is kept, and the work does not stop.

Which category is it?

Bardin Gate is a Cross-Domain Solution (CDS), a way to exchange data under control between networks of different security levels; the difference is that it does this across a physical air gap.

	Firewall	Data Diode / USG	Typical CDS	Bardin Gate
Are the two networks connected?	Always	Always, one way	Always, through the device	Never at the same time
Direction of exchange	Both ways	One way only	Usually both ways	Your choice, for each job
Control and record of each transfer	Limited	Limited	Yes	Yes

What it moves

Each job has its own product:

Files
From the Internet to the internal network and back, with no USB drive, an antivirus scan and approval where needed.
Bardin Gate ART.

Files between systems
Automatic, with no user involved.
Bardin Gate ARP.

Databases
An up-to-date copy of the data on the other network.
Bardin Gate ADS.

Email
Between the separated network and the outside, with your current mail servers. Bardin Gate AMG.

Backups
Verified backup data, in a separated recovery store.
Bardin Gate ABV.

Web systems
The other network's workflow inbox, reports and forms, from the user's own desk.

Intelligence on the appliance itself

Content understanding

Each file is judged by what it really contains, not by its name; its true type, hidden macros and scripts, and sensitive data.

AI malware detection

An AI model on the appliance stops what fixed rules miss. It can hold a file back, but can never let one through.

Anomaly detection

The appliance learns the normal pattern of each flow and raises an alert when a transfer departs from it.

Why managers trust it

Control stays with you

No hidden vendor account or master password, and no dependence on the vendor or the Internet to work.

A clear answer for the auditor

Every transfer leaves a record.

Goodbye to USB drives

Transfers are automatic and under control.

See how it works in your organisation.

For advice, a demonstration and contact details:
https://www.bardin.tech/en/bardingate/

Specifications may change without notice.