



ART

AIR-GAP REGULATED TRANSFER



2U RACK-MOUNT APPLIANCE

Controlled file transfer between separate networks, signed for by an identified person

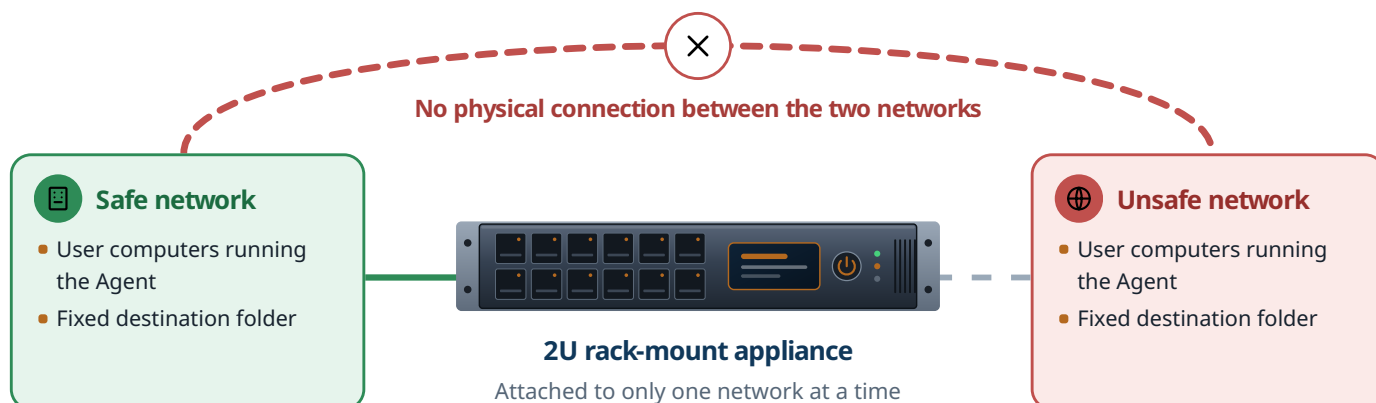
ART carries one file at a time from a user's computer to a fixed destination on the other network: identified, inspected, approved where required, in three simple steps for the user, and without the two networks ever being joined.

For: IT and security managers deciding whether ART fits their organization

In this catalog: What ART does, a file's journey, the Agent on the user's computer, what you receive, and setup

<https://www.bardin.tech/en/bardingate-art/>

People must move files for legitimate work, and the usual ways, USB sticks, shared passwords and temporary network links, wreck what isolation is for. ART does it under control: the user sends from their own computer, and the 2U appliance, independently of them, authorizes, inspects and delivers the file.



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.



One 2U appliance

Fits in a rack; no server or extra software to buy.



No physical link

Your two networks are never joined.



Three steps for the user

Select, confirm with the OS, send.



No Internet needed

Licences, updates and signatures are offline.

✦ What you get



Real identity

Every send is confirmed with the machine's own means: Windows Hello, Touch ID or the account password, and the desktop's prompt on Linux. The Agent never collects a password.



Fixed destinations

Administrators define destinations and users only pick from the authorized list. Nobody types a path.



Layered assurance

Structural validation, ClamAV, YARA and the appliance's AI model in isolation, with owner signatures and third-party attestation.



Approval by several people

Policy can require several independent approvers. A sender cannot approve their own file.



Verified delivery

The final file is reopened and hashed. Until then it is not "Delivered", and a partial file is never visible.



Easy for everyone

The user does three things; the administrator sees everything in one browser console and is alerted when a user's transfers depart from their normal pattern.



Who works with ART

Role	Responsibility
General user	Sends one file to an authorized destination with the Agent and sees only the status and history their role permits.
Approver	Reviews transfers that policy places into approval, with evidence in the console, and approves or rejects.
Administrator	Manages users, roles, Agent hosts, destinations, policy, retention, licence and updates.
Operator	Watches health and diagnoses through authorized console tools, with no shell or direct access.



Three typical scenarios



Sending a report out

An analyst on the safe network sends a report to an outside partner; policy needs the manager's approval.



Bringing a file in

A file from the unsafe network is inspected and, after the security approver signs off, reaches the safe network.



A contractor, one destination

A contractor gets one defined destination, never an arbitrary folder or shared password.

A file's journey

1

The user sends

Picks the file and destination and confirms with the OS. The Agent keeps an encrypted copy.

2

The appliance collects

On that side's turn the request is registered and the file passes into the appliance's custody. From here the sender has no control.

3

Assurance and approval

Validation and inspection run and, if policy asks, approvers decide.

4

Delivery

On the destination side's turn the file is placed at the fixed path and checked.



The user waits for a visit, not a call

The appliance takes turns between the networks and the user never controls the switch. "Waiting for Bardin Gate" is a normal state, shown without an invented percentage or ETA.

Register and receive

Apart

Deliver to destination

Apart

Register and receive

Time

Between two turns the appliance is disconnected from both networks, and a waiting file stays safely in its custody.



The Agent on the user's computer

Platform	Architectures	User confirmation
Windows	x86_64, aarch64	Windows Hello
Linux (Red Hat and Debian families)	x86_64, aarch64	The desktop's prompt: password or fingerprint
macOS	x86_64, aarch64	Touch ID or the account password

Automatic Agent distribution and update from the appliance



What you receive and what you provide

Item	What it means
The appliance	A 2U rack-mount appliance, ready as delivered. There is no server, operating system or extra software to choose or install.
Space and power	2U of space in a standard rack, and power.
Network	A connection to the Safe, Unsafe and management networks. The first two are never joined to each other.
Day to day	Just a browser. The console speaks fourteen languages, Persian included.
Internet	Not needed; licence, updates and signatures are offline and signed.

✓ Up and running in four steps

1

Rack it

Mount the 2U appliance and connect power and the Safe, Unsafe and management networks.

2

Open the console

Open the console in a browser. A code on the appliance's own display proves you are at the unit.

3

Guided setup

Steps run in order and each tests itself: hardware, time, network addresses and the first administrator.

4

Accept

Take the signed commissioning evidence bundle; the appliance is ready for work.

? Quick answers

? Will my two networks be connected?

No. There is no physical connection between them. The appliance attaches to one at a time and disconnects before moving to the other.

? What does the user install?

A small Agent for Windows, Linux or macOS, installed by your administrator from a signed package.

? Does the user type a password?

Not in the Agent. Each send is confirmed with the operating system's own prompt.

? Can a folder be sent?

No. Each transfer is one file; several files are independent transfers.

? Where does the file arrive?

At a fixed destination the administrator defined; the user never types a path.

? If a file is rejected?

The sender gets the outcome and a reference code; only an authorized role sees the details in the console.

We do not sell movement; we sell provable crossing.

More about this product

CATALOG 2

User experience

CATALOG 3

Content assurance

CATALOG 4

Security and operations

For advice, a demonstration and contact details:

<https://www.bardin.tech/en/bardingate-art/>



Specifications may change without notice.