

The logo features the word "drive" in a dark grey, lowercase, sans-serif font, followed by a forward slash, and then "sec" in a white, lowercase, sans-serif font. The text is centered against a background of a large, stylized, rounded shape that is white on the left and red on the right.

drive/sec

we secure your things



# Grant secure and remote access to critical company resources

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# The Challenge – How to grant access to remote users...

Access to Server, Database,  
Documents, 3D printer, PLC  
line...

By Internal or external  
remote user

Systems cannot be  
updated frequently  
or are obsolete



Don't want to give continuous  
access or keep the resources  
always on

I need to share assets  
with weaker protocol

**In all cases it is important to keep the integrity, confidentiality, and security of data, systems, and resources while taking advantage of remote access in term of flexibility, cost saving and timing**

# The Challenge – ... Keeping in mind security

Adopting the highest  
security standards

Isolating assets on  
alternative infrastructure

Granting on-  
demand Access

Managing temporary access  
(limiting time)

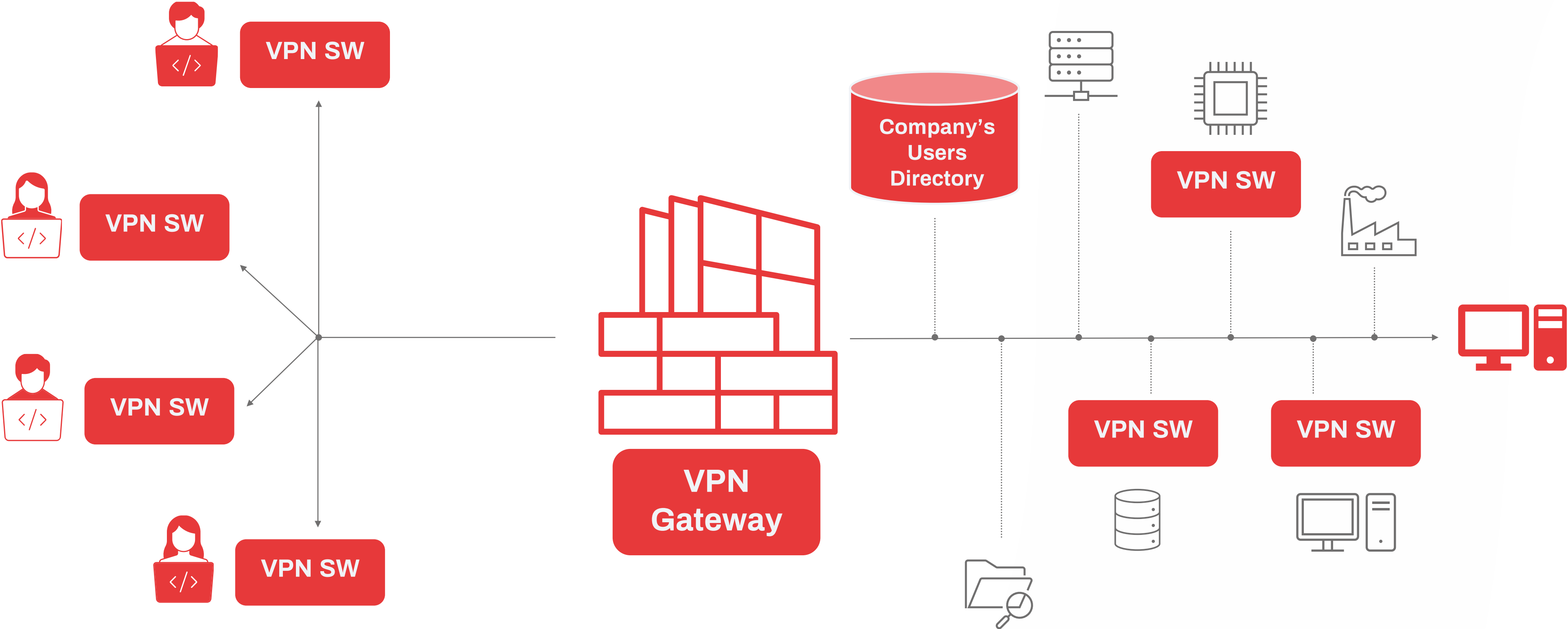
Producing logs  
tracing access

Allowing full access when  
remote users are not fully  
trustable



**In many cases, VPN based solutions are not applicable or advisable**

# Traditional VPN based approach



# Changing the Paradigm

develop an innovative, easy-to-use, fully-configurable, and secure system to quickly share any type of TCP/IP-based resources, granting security, integrity, and confidentiality

provide a solution that is scalable to fit the needs of Companies of any size (from micro to large) without interfering with existing ICT infrastructure





REMOTE ON DEMAND SECURE ACCESS  
TO ANY TCP/IP-based RESOURCES



# Introducing Access-o

Access-o allows **secure remote access** to any Company assets using an on-demand Peer to Peer schema

Accesso enables secure remote connectivity to any **resources accessible via an internet-based protocol**

Access-o is specifically designed to allow **on-demand access to critical Company resources** (manufacturing systems, legacy systems, servers, data repository, 3D printers)

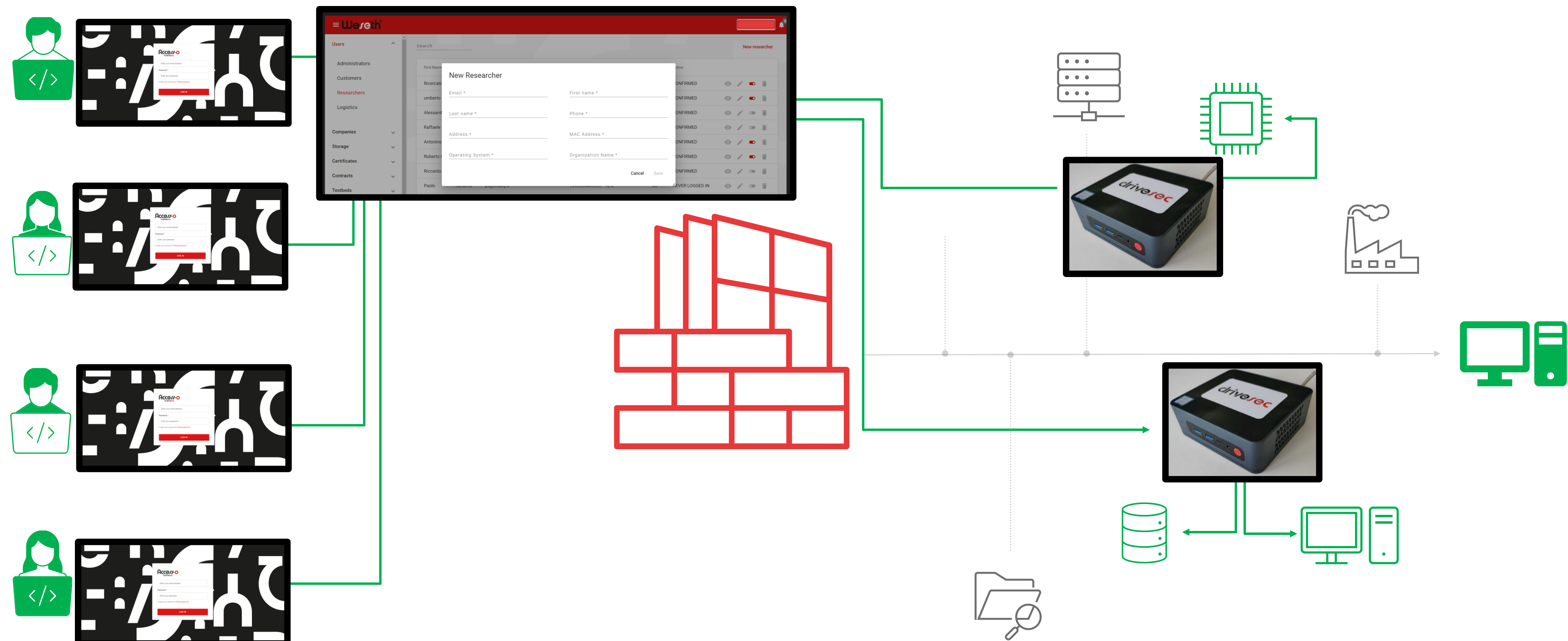
Access-o requires **near-zero setup time**, no specific ITC skills, doesn't require any SW installation or configuration on the target resource, and is fully autonomous

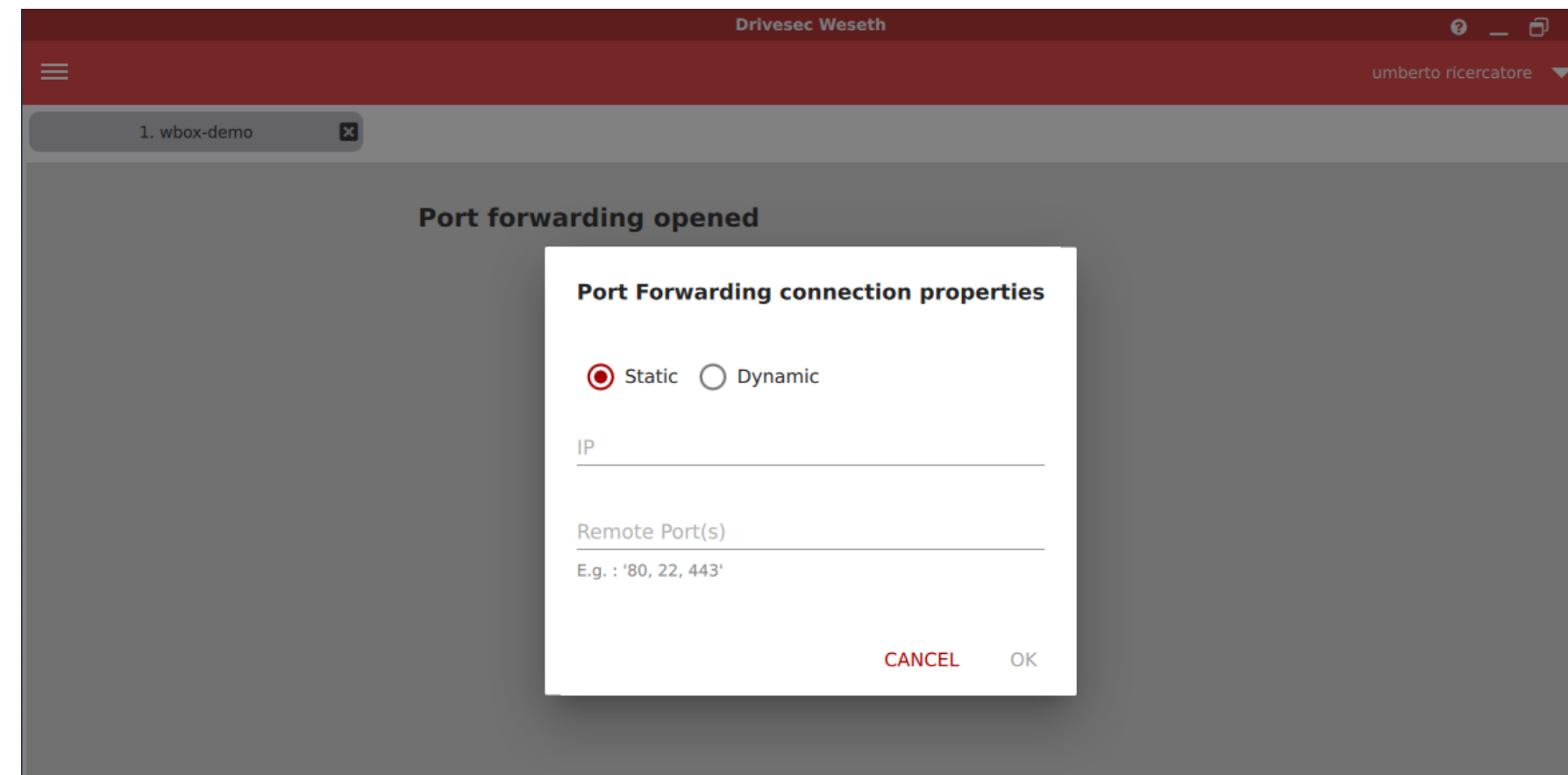
Access-o enables the **forwarding of weaker protocols**, allowing users to run their insecure applications as usual while taking advantage of its security features

Access-o relies on a **security framework** that enforces mandatory strong (M2F) authentication and guarantees on-demand connectivity via secure channels

Access-o uses the Drivesec patented Weseth platform

# Remote connectivity via

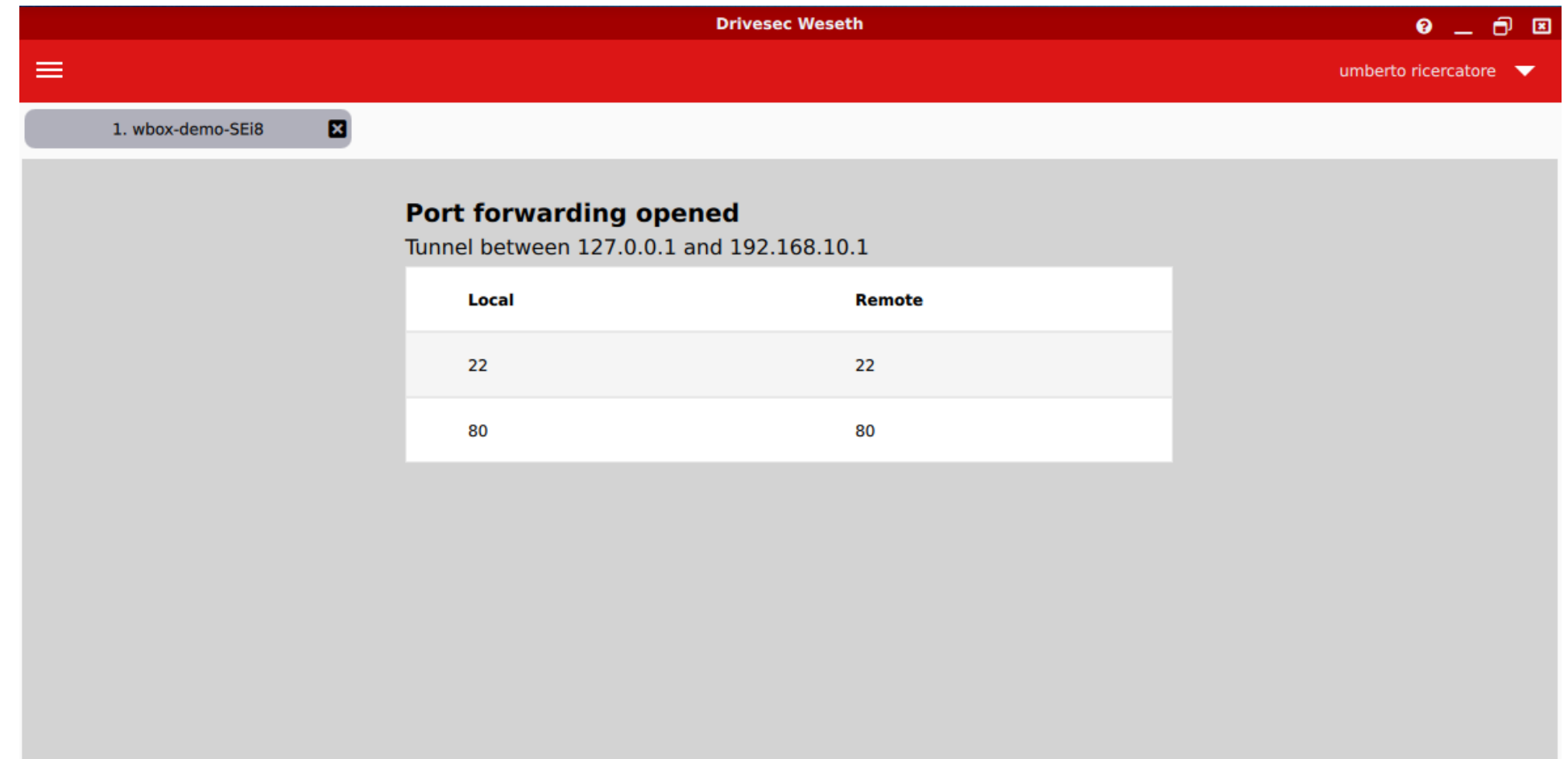
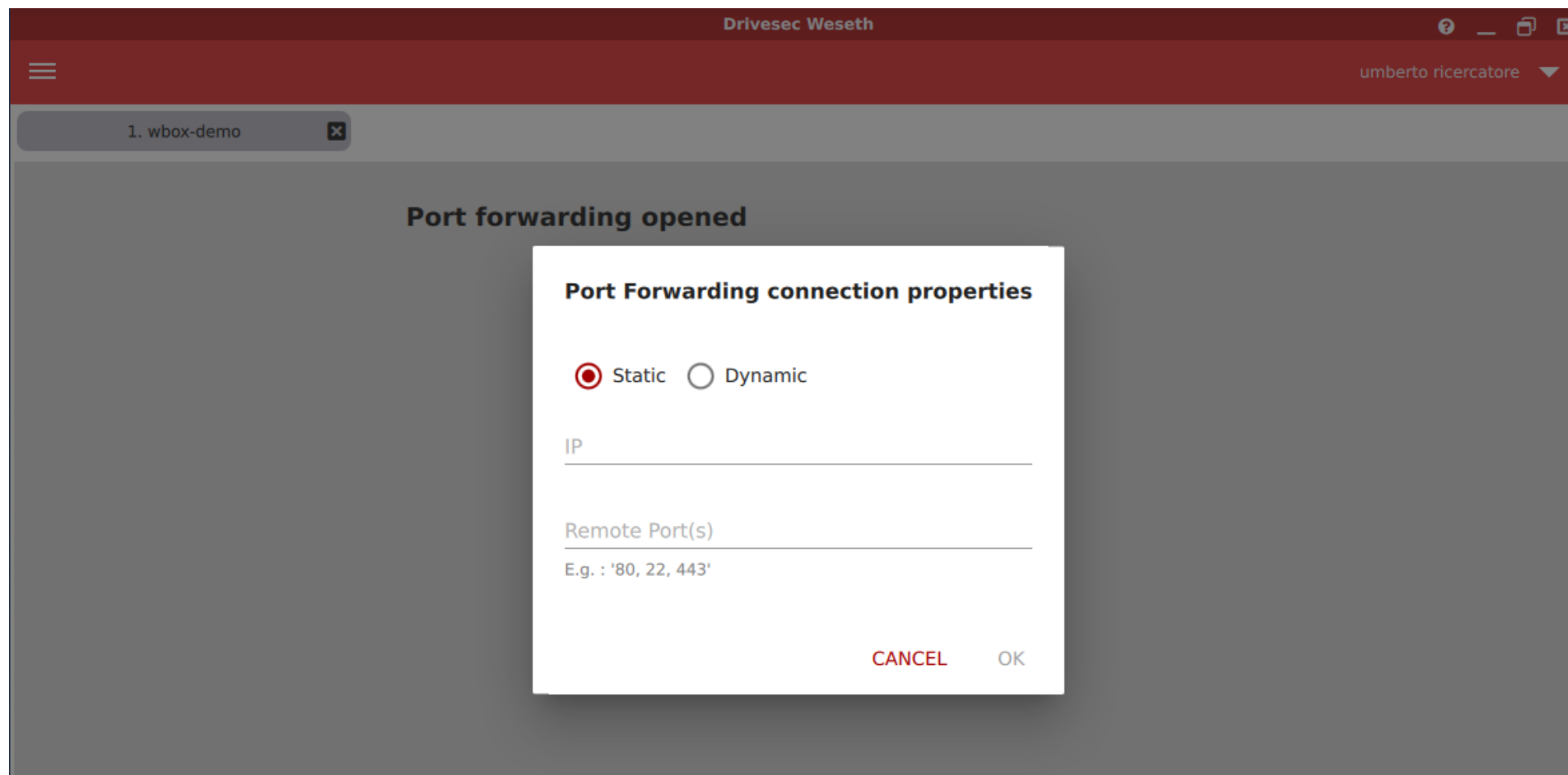




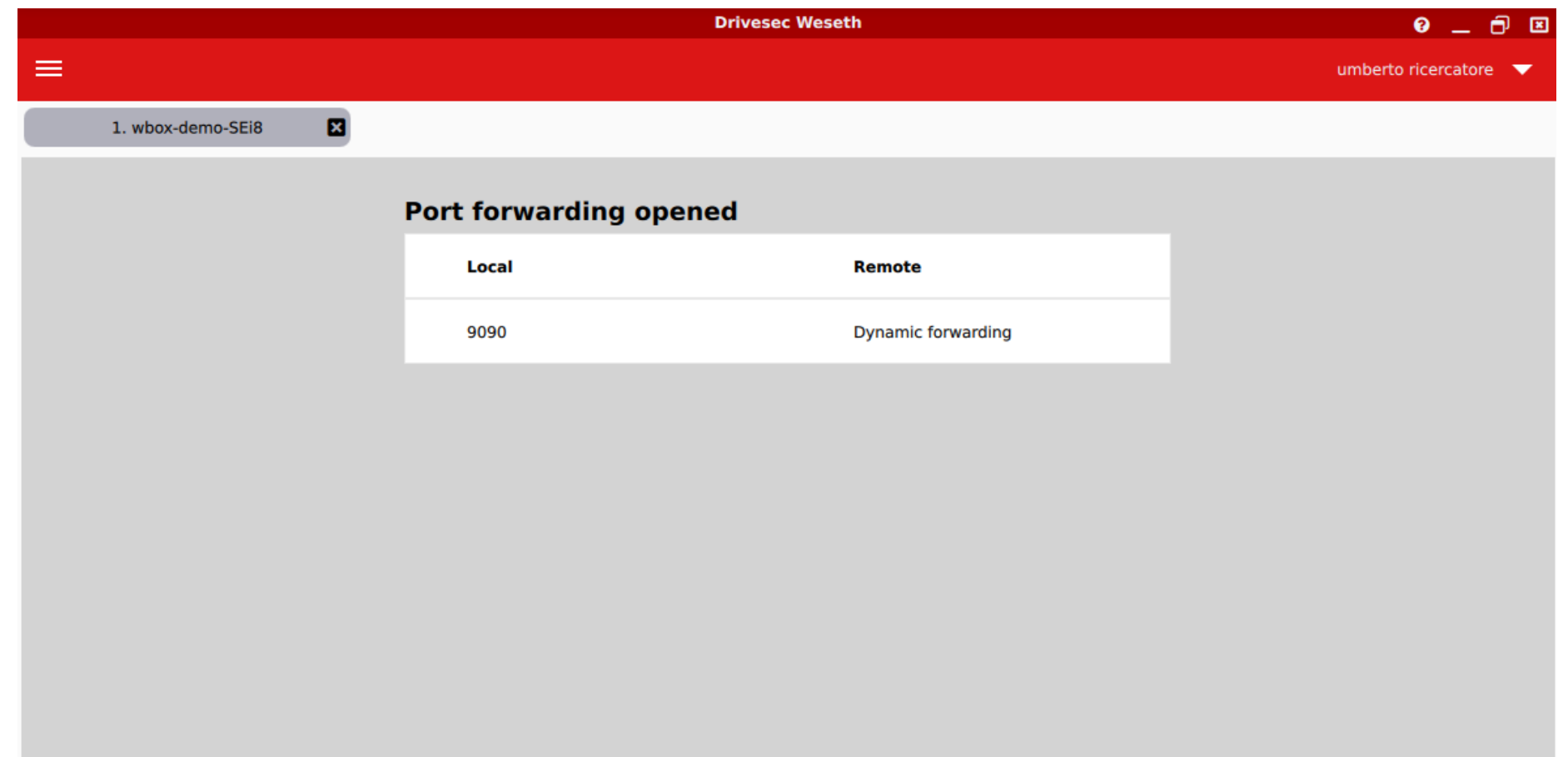
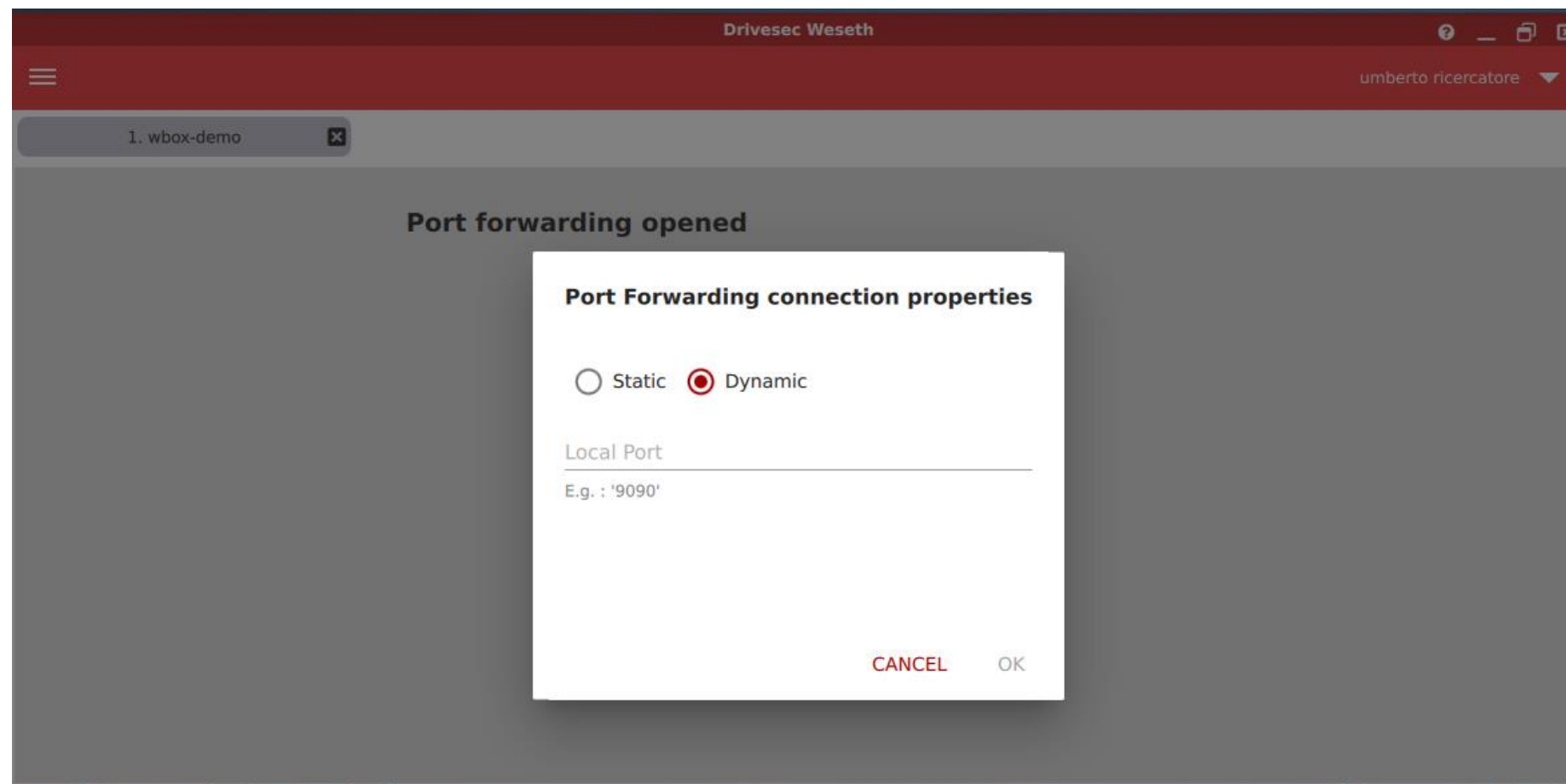
**Port Forwarding** allows remote access to an asset that is reachable by its own IP address

Access can be granted to different network services on different ports (e.g., FTP, SSH, HTTP)

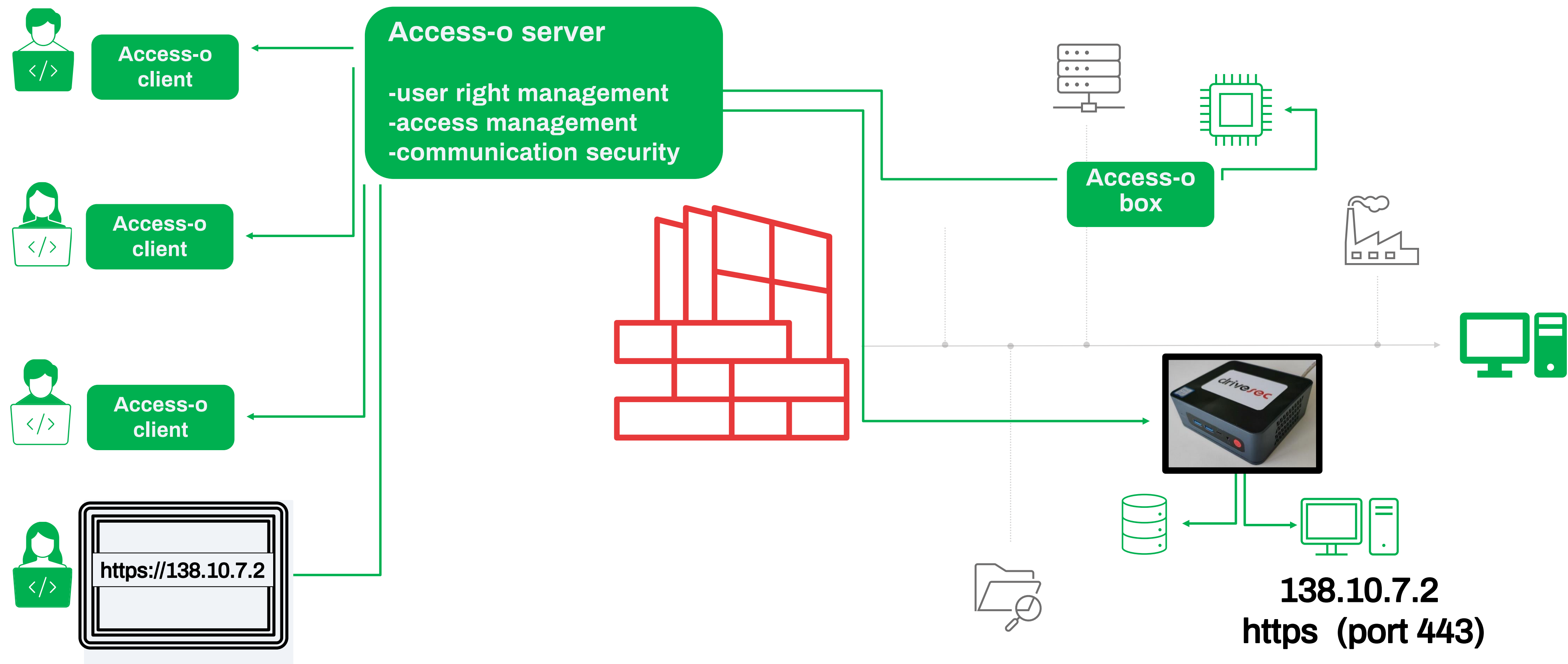
## Static Port Forwarding



## Dynamic Port Forwarding



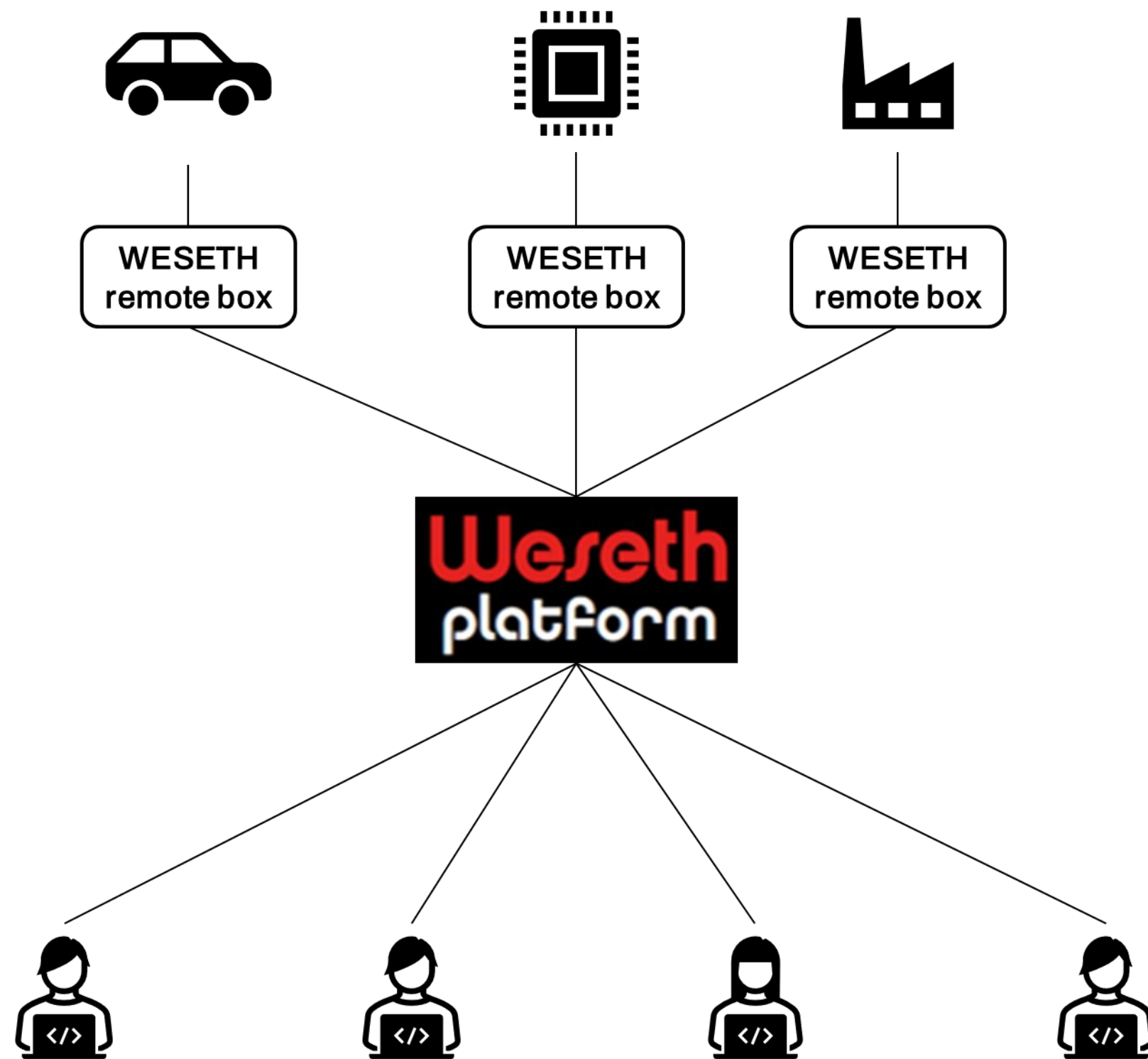
# Dynamic port forwarding



# Access-O vs VPN

- ✓ No need to install sw on the resources to be shared
- ✓ No interaction with Companies' ICT infrastructure
- ✓ Zero installation time and no ICT skills needed
- ✓ Manage logs and give full control on Users management
- ✓ Guarantee access on demand
- ✓ Gives natively full control to all attached networks
- ✓ Can be configurable and re-programmable

# Access-O uses Weseeth®



- WESETH builds a secure pipe for all remotization activities
- WESETH provides secure remote access to internal and external resources
- This can make remote work more flexible, less expensive and significantly more efficient



# Run a PoC with



drive**sec**

Go to [www.drivesec.com](http://www.drivesec.com) and choose to subscribe to an Access-o POC

PoC can last up to **3 months** and allow the sharing of unlimited resources physically connected to the Access-o box

Allows an **unlimited number of users**

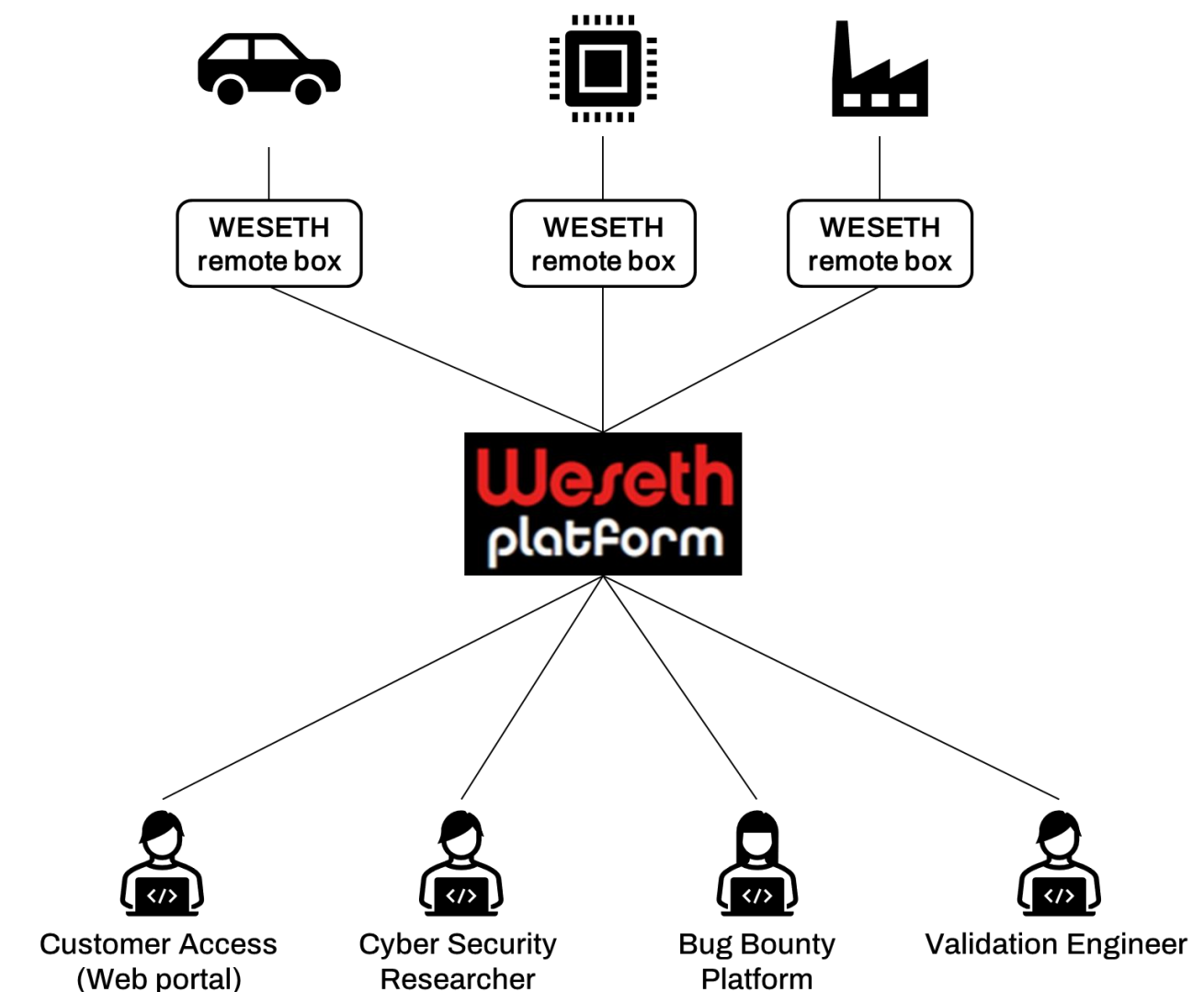
Cost is **1.500 euro per 3 months** of platform usage

Info on Access-o and Weseth can be asked to [info@drivesec.com](mailto:info@drivesec.com)

# WESETH Platform

A Remote Engineering Platform with focus on Cybersecurity Feature Testing

- ▶ **Enable Remote Engineering services** on components, benches and vehicles (SW re-flash, diagnosis, functional testing, ...)
- ▶ **Support the compliance with UN Regulation 155**
- ▶ **Remote verification of security posture** through penetration testing and vulnerability assessment
- ▶ **Enable new model to validate in remote way** the vehicle features (checking either functional or security requirements)
- ▶ **Highly secured Platform decoupled from Customer IT infrastructure**



# Access-o Advantages

## **Secure remote access**

to any automotive system or test vehicle

## **Requirements verification during integration**

and system test

## **Full traceability of operations**

increase control on penetration test execution

## **Reduce number of test parts/benches**

by allowing the sharing of resources through arbitrated remote access

## **Session recording and playback**

of engineering activities

## **Zero Setup time**

between decision to run pen test and real execution

## **Remote engineering operations**

remote re-flash, data collection, remote diagnostic

drivesec

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