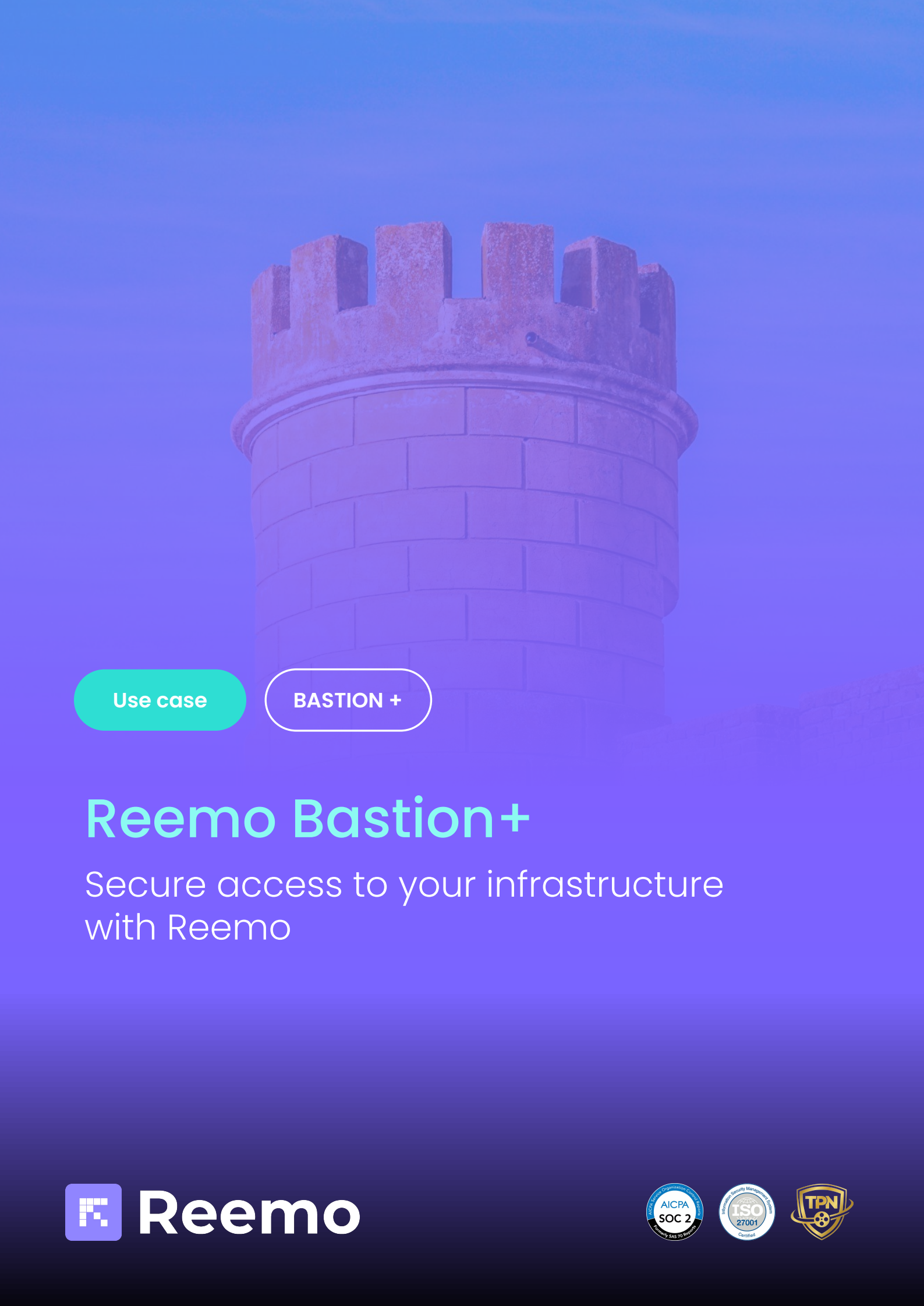




Use case

BASTION +

Reemo Bastion+

Secure access to your infrastructure
with Reemo



Use case

BASTION +

Reemo Bastion+

The big picture bastion solutions were missing



Challenges

The traditional approach to securing internal infrastructure involves a **stack of layers** (AD, firewalls, antivirus, policies, etc.) that **increases the attack surface**. Any **configuration error** or breach in one of the layers can **compromise the entire infrastructure** :



While this model has long stood the test of time, **today it is becoming** :



Expensive to maintain



Difficult to operate

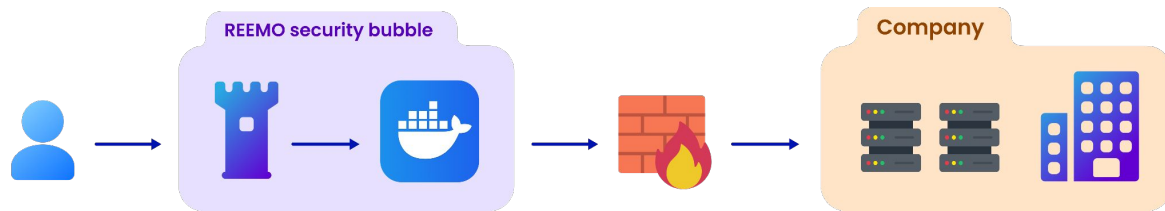


Unsuitable for modern threats

Our challenge : provide fast, secure, and granular remote access based on the user profile : employees, contractors, partners, etc.

Solutions

Reemo Bastion+ is a modern, minimalist approach to secure access that replaces traditional architectures with a lighter, more secure, and cost-efficient model using containerization.



KEY BENEFITS



+ light

- ◆ No heavy VDI
- ◆ Less maintenance
- ◆ Fewer technical layers (AD, VDI, installs...)



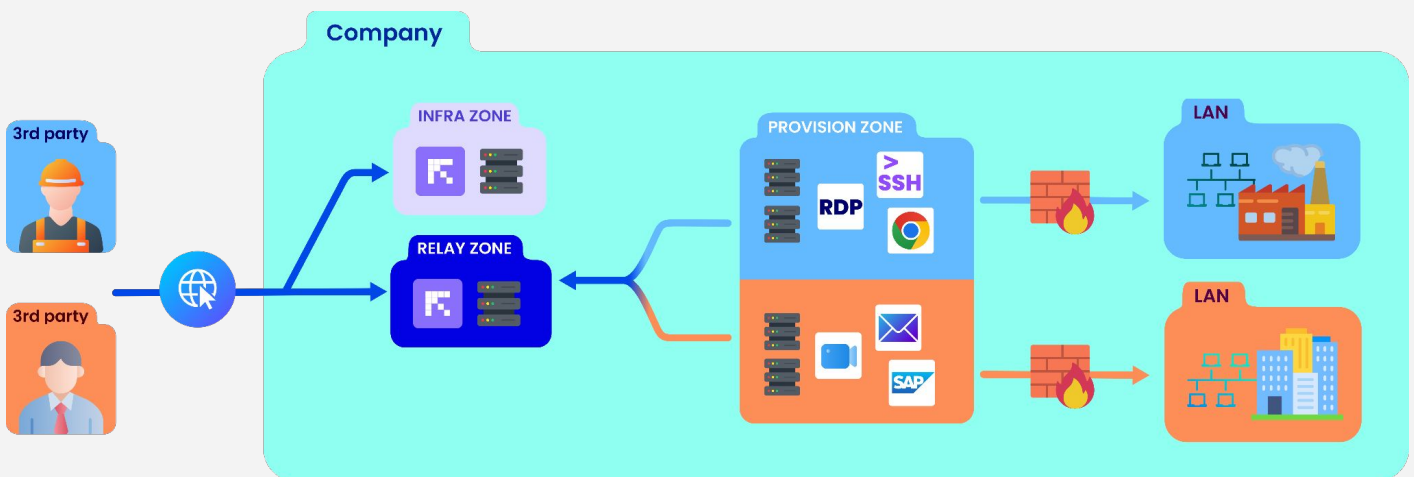
+ security

- ◆ Non-persistent network route for all users
- ◆ No privileges to escalate
- ◆ Complete session isolation



+ profitable

- ◆ Only pay for what you connect
- ◆ Eliminate useless licenses
- ◆ Reduce man-hours costs



★ Cloud or on prem deployment according to needs

Back to basic :

- **No unnecessary full environment** : only the target application in a container.
- **No concept of a network or Active Directory** : access is restricted to the launched app.
- **Login via web browser** : no local agent or installation on the user's end.



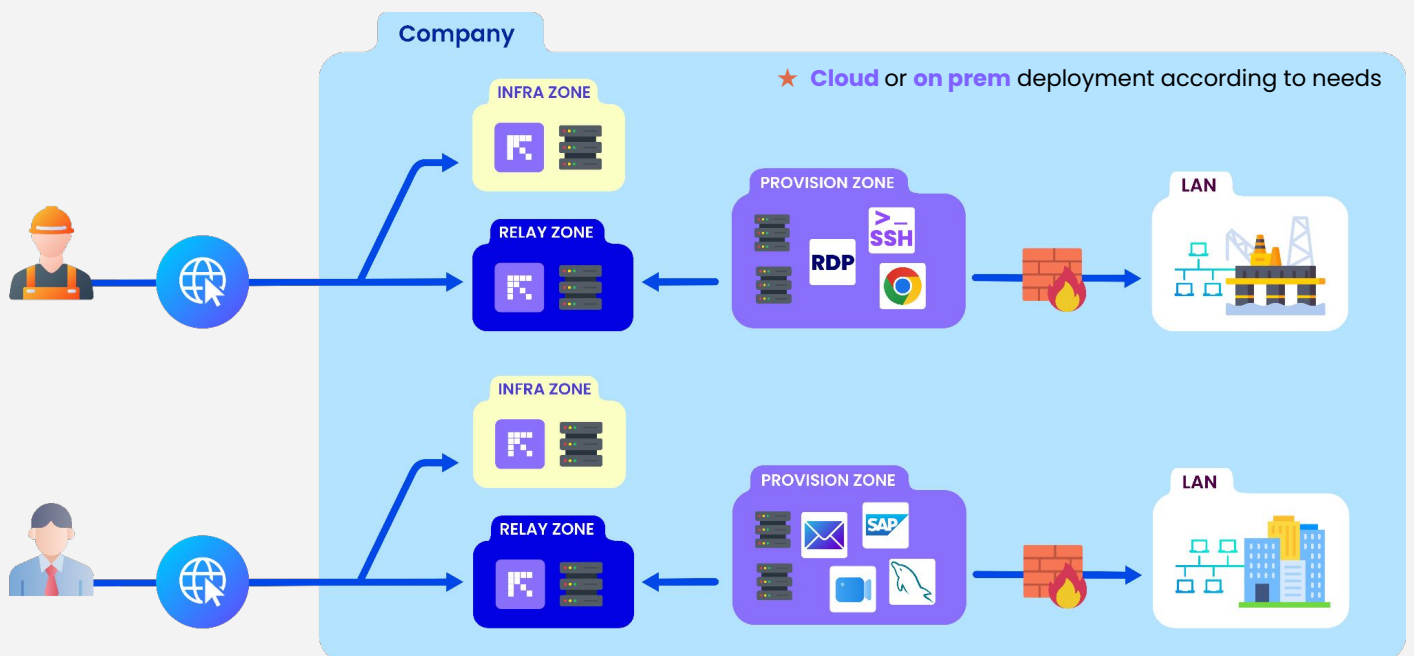
Unlimited **Users**



Unlimited **Resources**

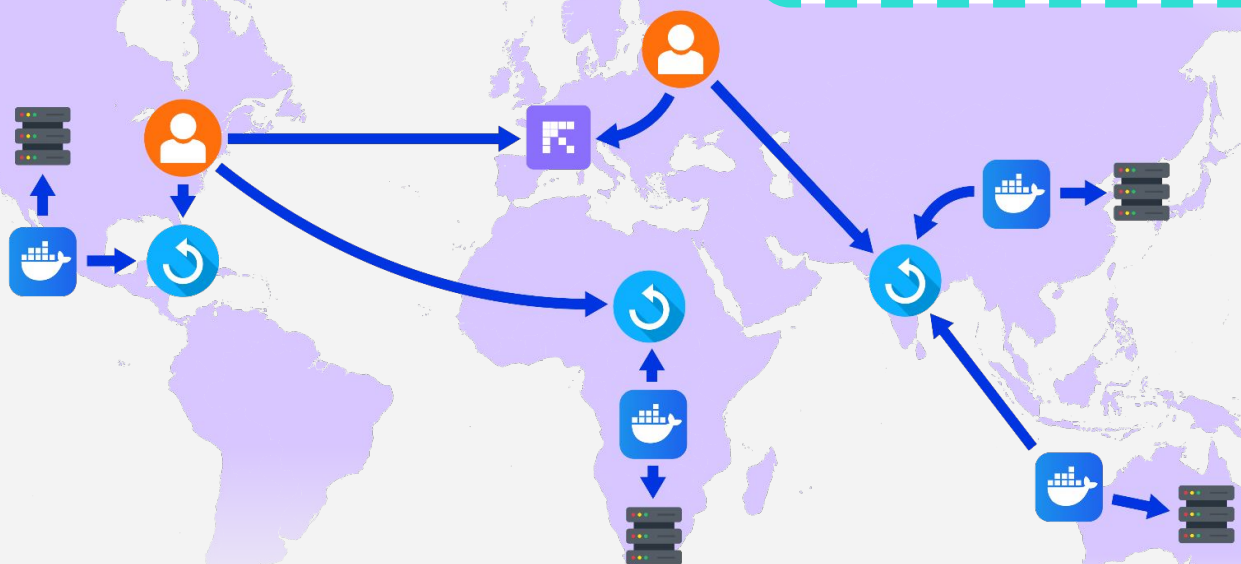
Customize your architecture according to your needs :

- Each user can be directed to a **shared or dedicated Relay zone**.
- Depending on their profile**, users access a **unified or separate provisioning area**.
- Users do not share an environment : **lateral movement impossible**.



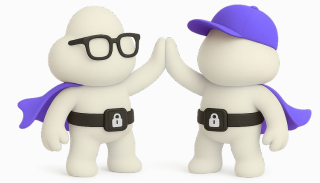
With Reemo, create scalable architecture at will

- ✓ Vault
- ✓ Access reporting
- ✓ Session recording
- ✓ Copy / paste permission
- ✓ Download / upload permission





Reemo x Traditional bastion hosts



Category	Traditional solutions	Reemo Bastion+
Installation & Deployment	✓ Packaged as a full ISO ✗ Rigid deployment configuration ✗ Bundled with a specific OS	✓ Only cloud-native bastion on the market ✓ Deployed via Ansible ✓ Supports multiple OS
Architecture	✗ Poor modularity ✗ Often relies on VMware or VDI infrastructure ✗ No true isolation between zones	✓ Highly modular and scalable architecture ✓ No dependency on VMware ✓ Full isolation of the provision zone ✓ Multi-cluster & multi-datacenter load balancing ✓ Proactive detection of hardware failure ✓ Fully on-prem architecture possible
Connection Mode	✗ Inbound connection to security zones (requires port openings) ✓ HTTP, SSH, and RDP protocols	✓ Outbound-only connection from security zones ✓ HTTP-only connection for complete protocol isolation
Interface	✗ Multiple, cluttered interfaces ✗ Complex navigation ✗ Difficult onboarding	✓ Single interface ✓ Intuitive, modern, and minimal UI for users and admins
Platform Authentication	✓ LDAP/AD, SAML supported ✓ Directory integration ✗ No role-based login segmentation	✓ SSO (SAML/LDAP), MFA, 2FA ✓ Easy integration with Microsoft, Okta, Google... ✓ Dedicated authentication portal per role
Resource Authentication	✓ Credential Injection via Vault ✓ User account mapping authentication ✓ Interactive login	✓ Credential Injection via Vault ✓ User account mapping authentication ✓ Interactive login
Access Management	✓ Groups, subgroups, and collections for granular access ✓ Conditional access ✓ Basic RBAC	✓ Groups, subgroups, and collections for granular access ✓ Conditional access ✓ Basic RBAC



Reemo x Traditional bastion hosts

Category	Traditional solutions	Reemo Bastion+
Traceability & Security	✓ Real-time monitoring ✓ Session recording ✓ Logs & metadata ✓ Vault integration	✓ Real-time monitoring ✓ Session recording ✓ Logs & metadata ✓ Vault integration ✓ Session transcription ✓ AI-powered intrusion detection
Sessions & Isolation	✗ No session isolation ✗ Uses full OS environments	✓ Isolated sessions in disposable containers ✓ No impact if a container is compromised ✓ Self-managed VMs ✓ Zero resource usage when idle
User Features	✓ Upload / Download / Transfer / Printing ✓ Granular clipboard control	✓ Upload / Download / Transfer / Printing ✓ Granular clipboard control ✓ Fully customized containers (e.g. client-specific database containers) ✓ Custom options (SSL certificates, additional plugins, browsers with built-in extensions, etc.)
Protocol & User Experience	✗ Inconsistent performance ✗ Poorly optimized for visual tools ✗ Unstable audio/video sync	✓ Ultra-fast proprietary protocol ✓ Encrypted pixel stream ✓ Perfect audio/video sync ✓ 4K / 60 FPS / 4:4:4 chroma ✓ Designed for demanding applications
Backend	✗ Little or no clustering capability ✗ Difficult to scale	✓ Cloud-native : powered by Docker Swarm and Kubernetes clusters

