



Privileged Remote Access OT

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**We are the
leader in
Intelligent
Identity
& Access
Security**



Vision

A world where identities and access are protected from cyberthreats

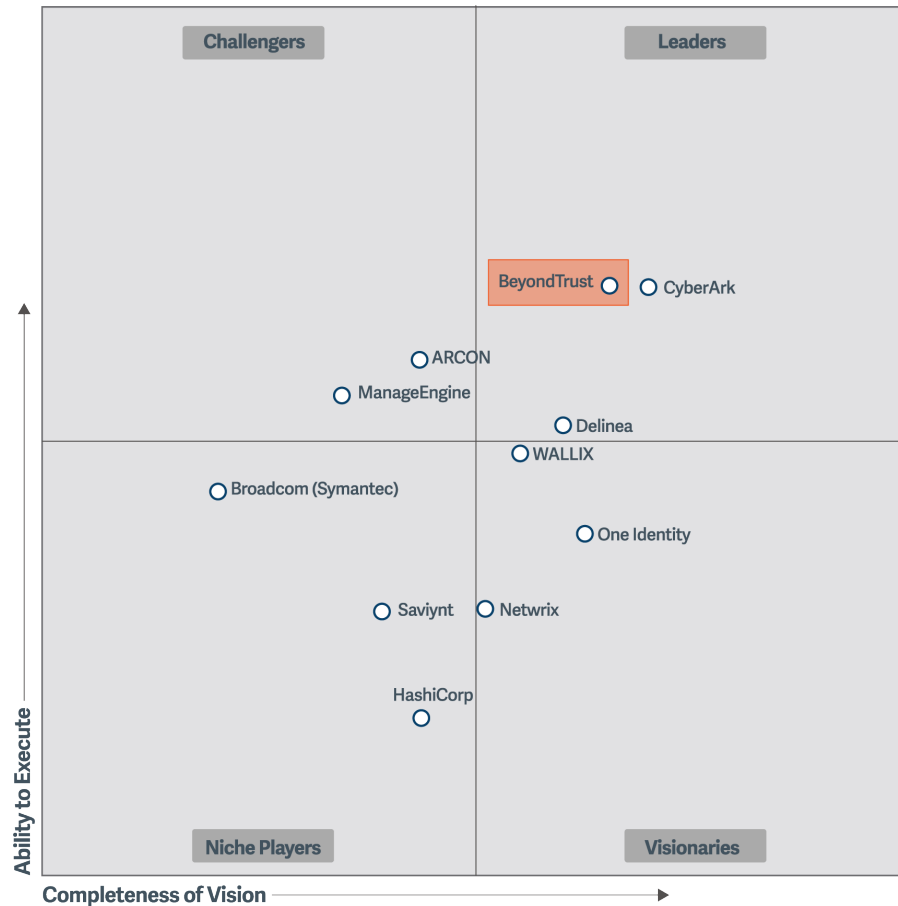


Mission

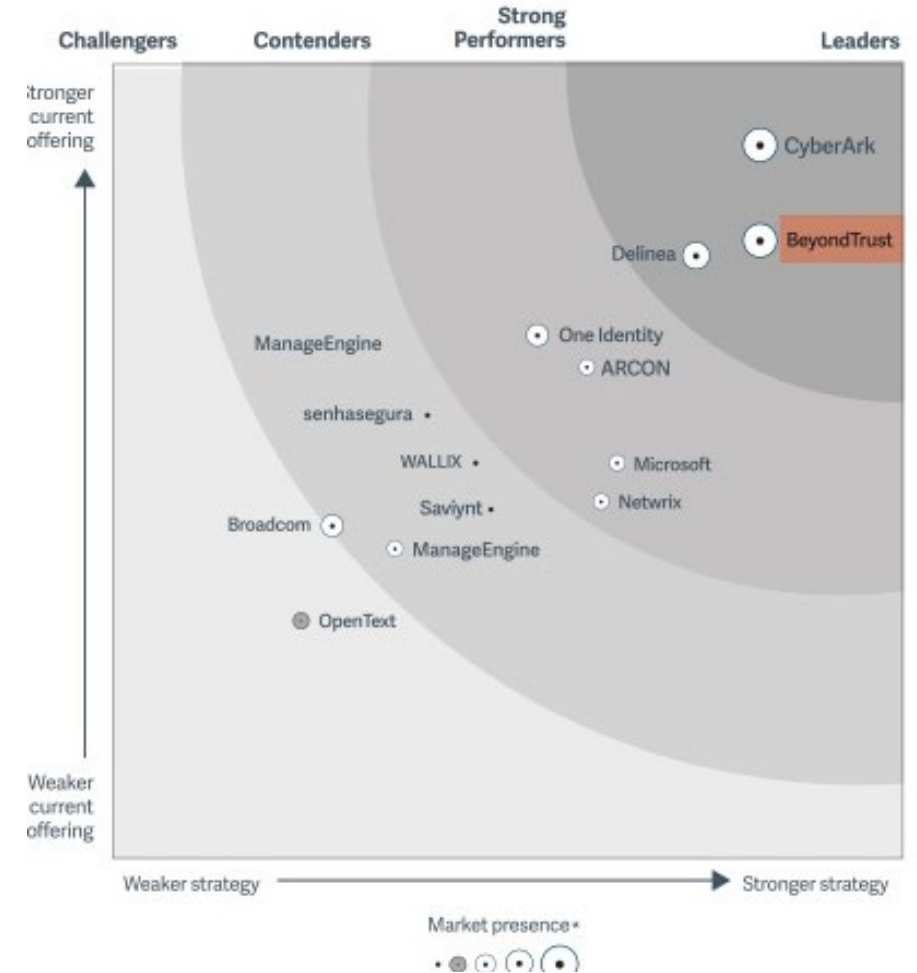
We fight every day to secure identities, intelligently remediate threats, and deliver dynamic access to empower and protect organizations around the world

PAM Market Leader

Gartner PAM Magic Quadrant 2023



FORRESTER PIM Wave 2023



Remote Desktop Software 2023

Privileged Access Management 2022

PAM Market Leader

**Awarded for best
ability to execute**

PAM Magic Quadrant 2025



**Trusted by
20,000+ Customers
in 100+ Countries**

75% of Fortune 100

95% Gross Retention Rate

55 Market Leading NPS Score

95% CSAT for Customer Experience



Product Portfolio

Endpoint Privilege Management

Enforce least privilege and achieve compliance across Windows, macOS, and Linux

Active Directory Bridge

Extend and manage Unix/Linux authentication and group policies

Entitle

Enable just-in-time access with automated provisioning workflows



Password Safe

Password Safe

Gain visibility and control of privileged credentials and secrets



Privileged Remote Access

Privileged Remote Access

Manage and audit employee and vendor remote access



Remote Support

Remote Support

Securely access and support any device or system in the world



Entitle

Identity Security Insights

Gain one holistic view of identities and access across your IT estate from a single interface

Identity Security Insights

Active Directory Bridge



Endpoint Privilege Management



Privileged Remote Access

Powered by Bomgar



BUILT FOR INTERNAL & VENDOR ACCESS

Connect from anywhere, to anywhere, with comprehensive features designed to maximize productivity – no VPN required.

SESSION MANAGEMENT

End to end security for remote access sessions - from any location via any device. Multiple session and access types are supported, including the BeyondTrust secure agent, RDP, SSH, VNC, BeyondTrust Advanced Web Access, and TCP with Protocol Tunneling. In addition, we provide multiple ways to manage how your users and vendors initiate access, including notification and approval request, and two-factor authentication is included.

FLEXIBLE DEPLOYMENT & LICENSING OPTIONS

Select on premise (physical/virtual), SaaS or private cloud deployment.

SECURE BY DESIGN

Single tenant appliance architecture, with a unique URL and administrative interface, comprehensive authentication methods, and role-based policy management.



Affordable Cutting Edge

Key PRA Capabilities



Secure Remote Access

Connect securely, seamlessly, and from anywhere – no VPN required.



Privileged Access Control

Enforce least privilege and just-in-time access by giving users no more than the exact level of remote access they need.



Streamlined Authentication

Optimize for smooth onboarding and access with MFA, SAML, and passwordless authentication.



Compliance & Session Auditing

Get SOC 2 compliance-ready with audit trails, forensics, and advanced analytics using detailed session data, available in real-time.



Session Management

Get full visibility and control over all actions, permissions, and more, in every privileged session.



Flexible Consoles & Tools

Get secure workflows with familiar tools like Putty or Azure Data Studio; increase coverage by initiating access via mobile or web consoles.



Privileged Password Vaulting & Credential Injection

Discover, manage, rotate, and auto-inject privileged credentials to securely start remote sessions on-demand.

Who is PRA for?

Provide secure, reliable access for **anyone, anywhere**, including:

ALL EMPLOYEES



Give administrators, engineers, and any other employees seamless access to the systems they need.

THIRD PARTIES & VENDORS



Grant vendors and contractors privileged access to critical assets without a VPN.

OPERATIONAL TECHNOLOGY



Powerful and reliable enough to support on-network and off-network endpoints for manufacturing and utility companies.

CLOUD & INFRASTRUCTURE ACCESS



Give administrators, engineers, and any other employees seamless access to the systems they need.

Enable organizations to secure industrial networks without disrupting operations, compromising safety or risking noncompliance

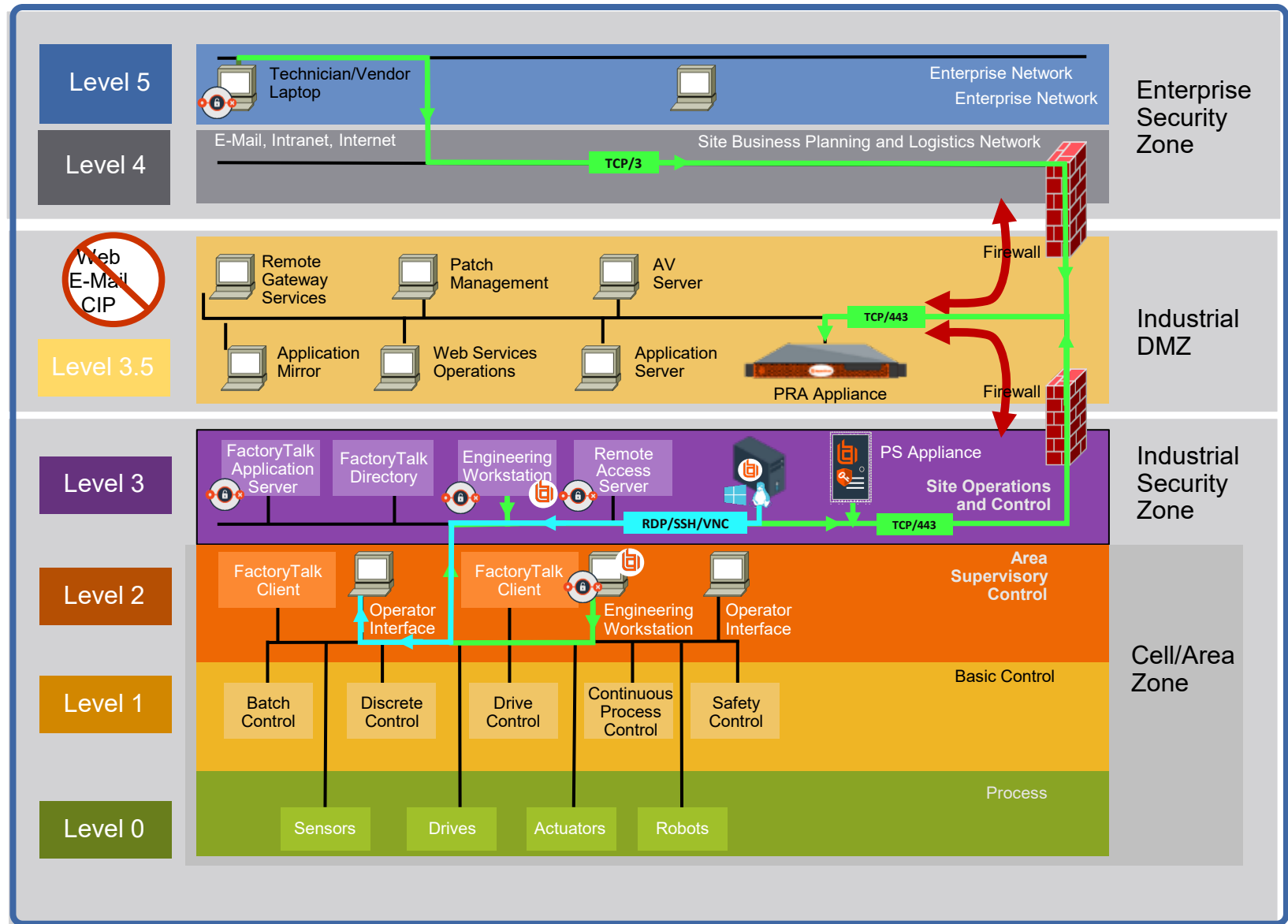
- Enable **secure access** to segregated networks
- Improve **access management** for vendors
- Reduced administrative burden and **simplified workflow**
- Complete **visibility and auditing** of OT remote access
- **Least privilege enforcement** with granular access controls
- Enables a **zero-trust posture**

Framework-Driven OT Access: Purdue Model + ISA-95

We anchor our approach in the **Purdue Model** for segmentation and the **ISA-95 framework** for integrating enterprise and control systems. Together, we enable **secure, structured access** across critical OT layers.

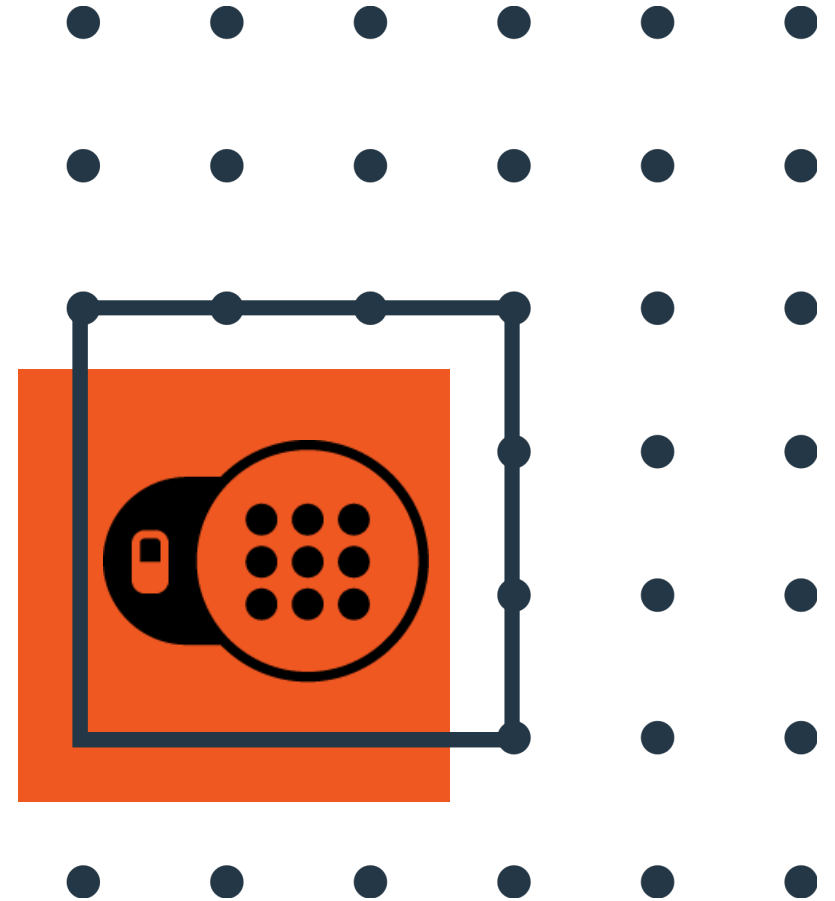


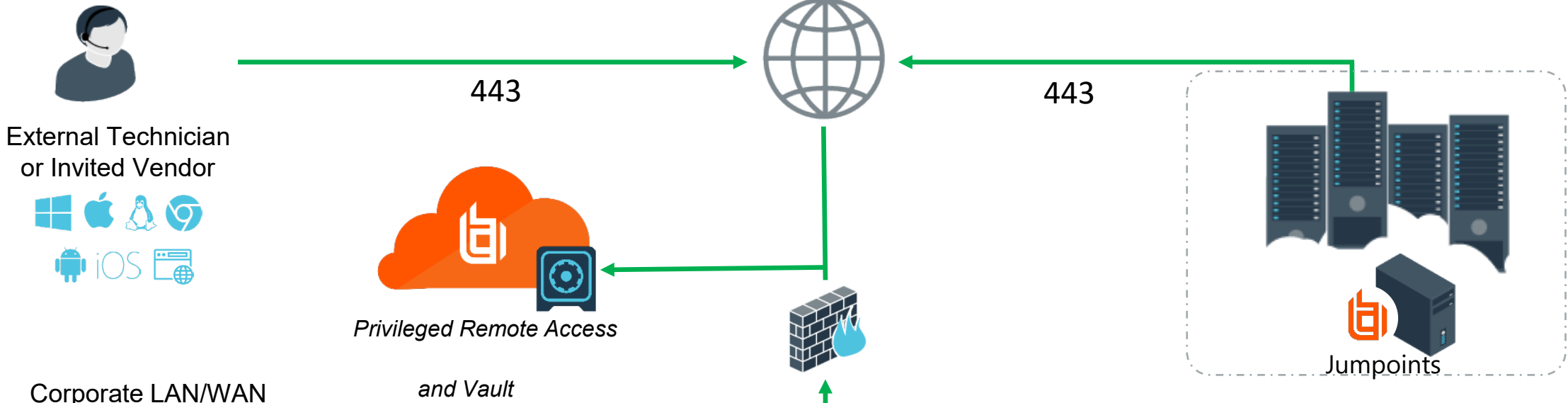
BeyondTrust in the Purdue Model



Architecture

Password Safe + Privileged Remote Access



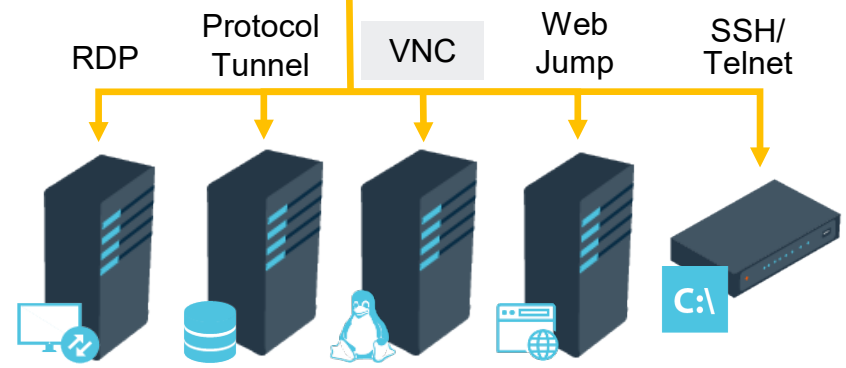


Corporate LAN/WAN

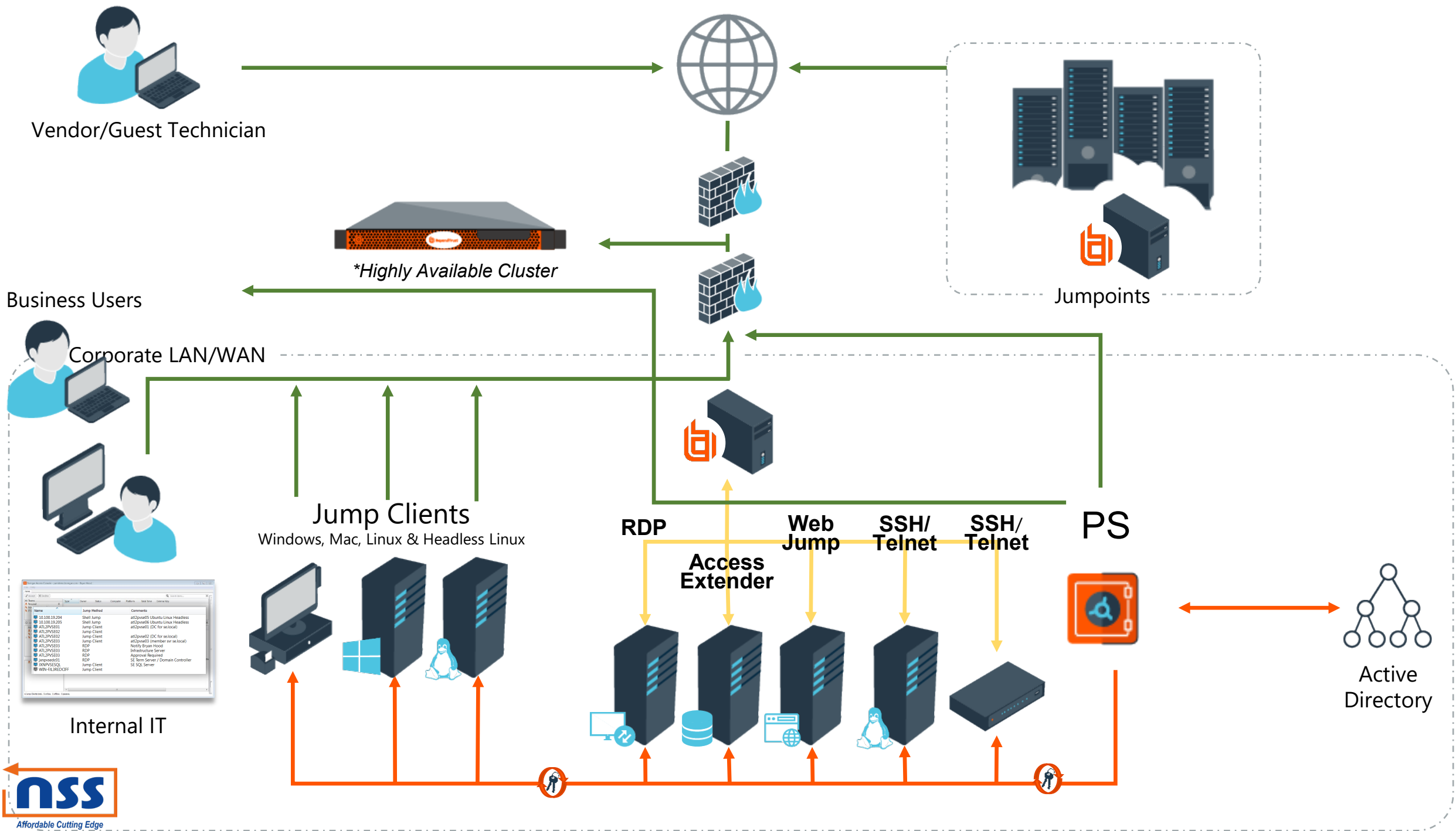
443

443

Jump Clients
Windows, Mac, Linux & Headless Linux

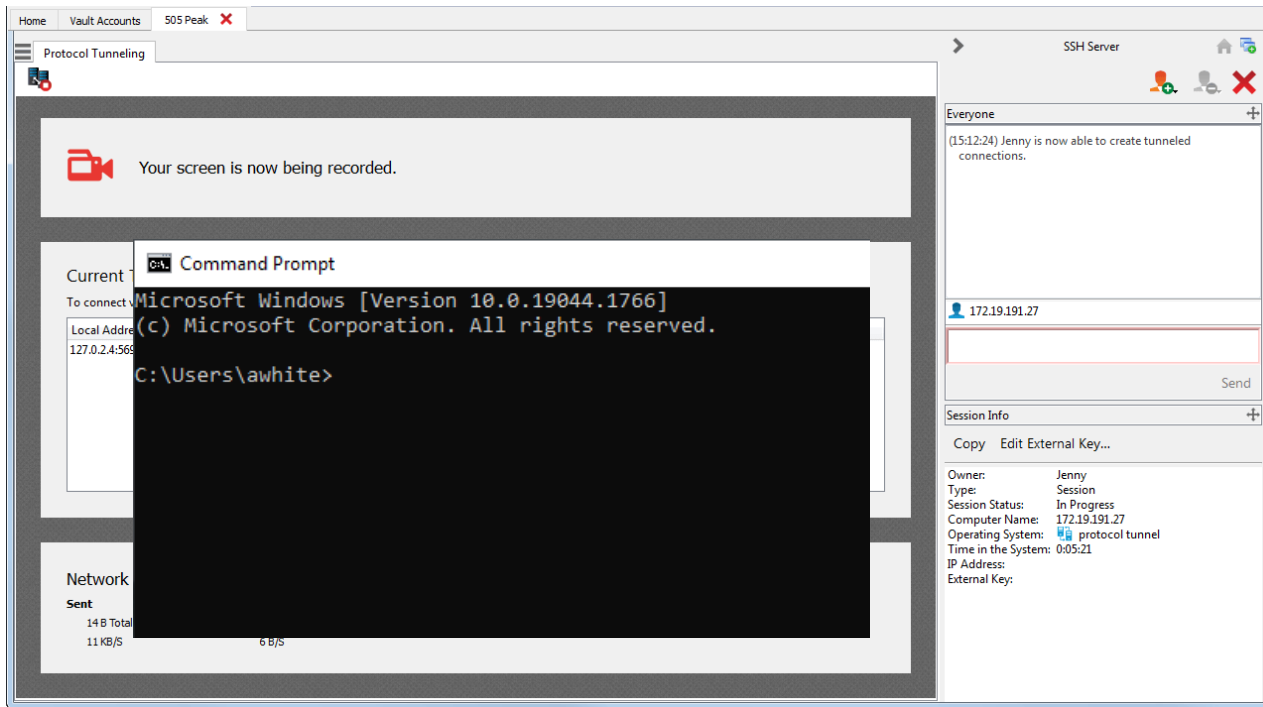


Internal IT Technician

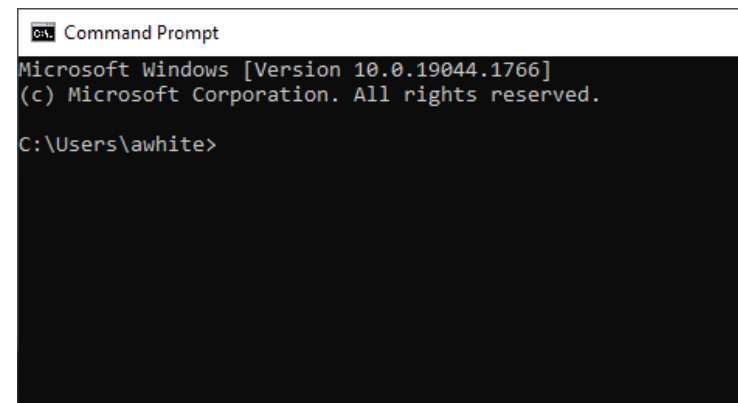
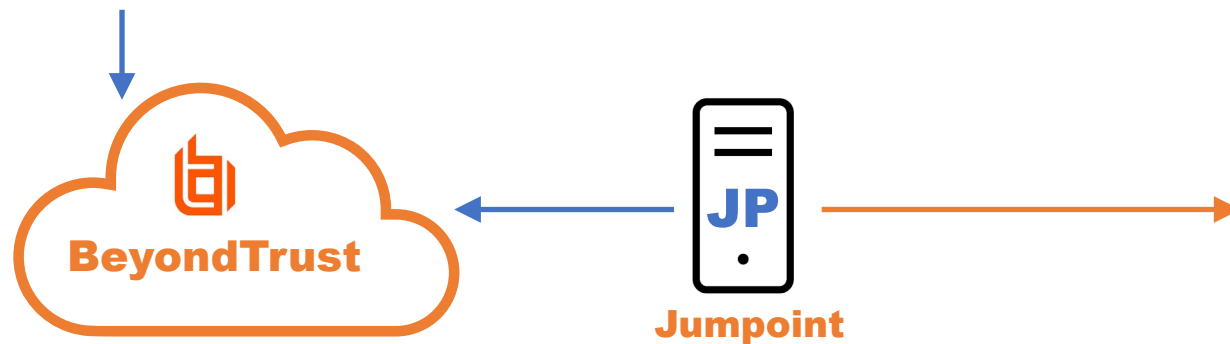


Protocol Tunnelling Breakout

Technician View in Access Console

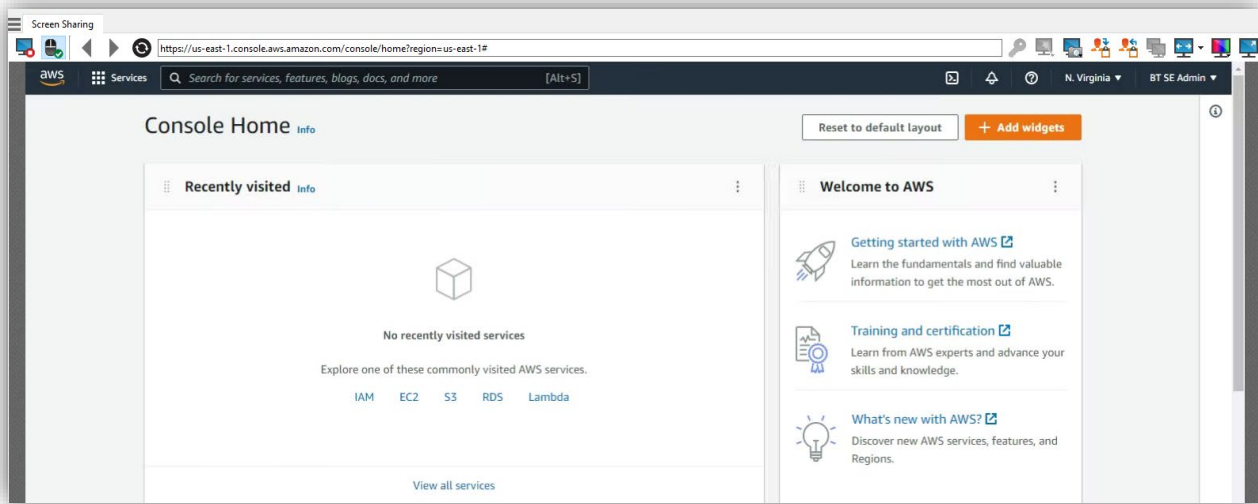


- **Protocol Tunnelling allows a local to remote connection through a Jumpoint.**
- **This functionality enables local tools like TiaPortal to be used remotely via a TLS tunnel.**
- **Sessions are recorded and auditable in the same way other screen sharing sessions can be recorded.**



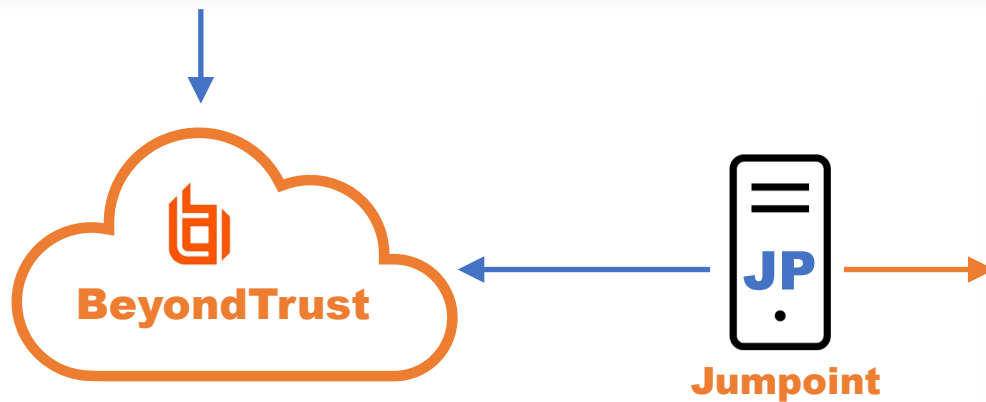
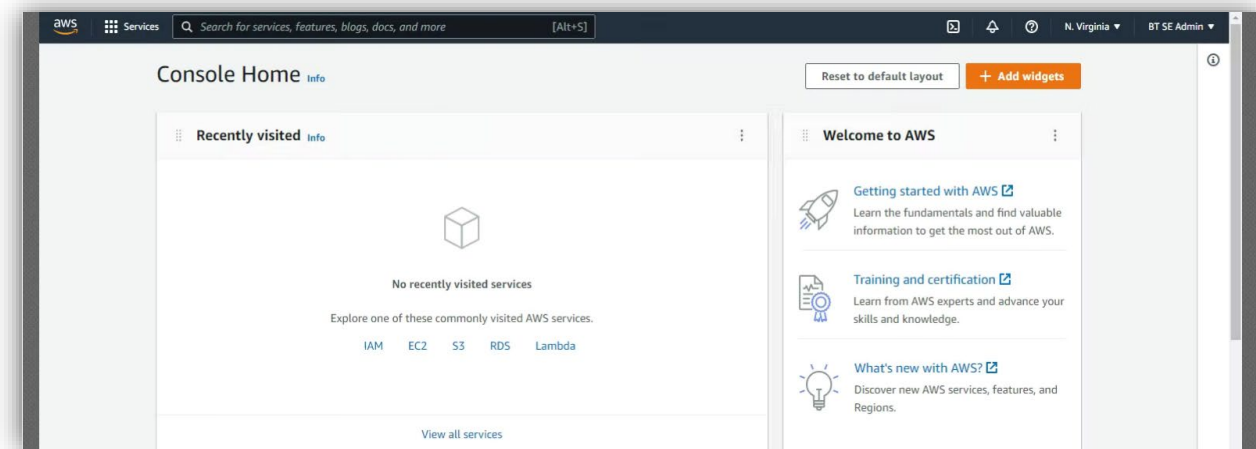
Web Jump Breakout

Technician View in Access Console



- **Web Jump allows PRA admins to specify a webpage that technicians can access, and the session is active in the Access Console.**
- **Websites that require a login can be paired with a credential manager to inject the credential at the time of the session, significantly enhancing the security posture.**

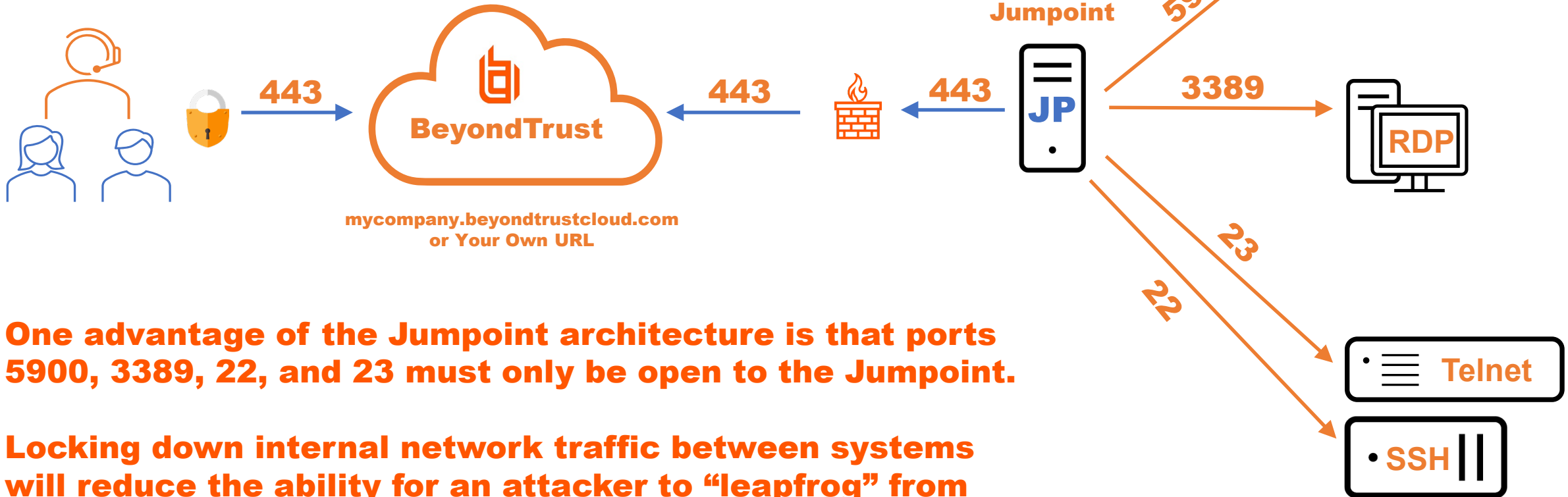
Server-Side View



Jumpoint Breakdown

Corporate / Cloud Networks

Technician



- **One advantage of the Jumpoint architecture is that ports 5900, 3389, 22, and 23 must only be open to the Jumpoint.**
- **Locking down internal network traffic between systems will reduce the ability for an attacker to “leapfrog” from system to system.**

The Gold Standard for OT Privileged Access

How BeyondTrust PRA secures remote access in the most demanding environments



Securely Access OT Assets Without VPNs

Connect to HMIs, SCADA systems, and PLCs using RDP, SSH, VNC, or Telnet through a hardened DMZ Jumpoint. PRA leverages **tunneling** to transport session traffic securely without exposing the network.



Credential Injection

Authenticate to endpoints using credential injection via PRA Vault or Password Safe ensuring passwords are never exposed or reused.



Multi-Hop Access

Reach deeply segmented OT systems using chained Jumpoints while maintaining full audit and policy enforcement at every hop.



Record and Monitor in Real-Time

Capture full session activity, keystrokes, screen, commands, for review or alerting. Stream metadata to your SIEM or SOAR platform via outbound events.



Just-in-time Access

Grant users access to specific assets only when needed, for a limited time, and under approval.



Integrations

Integrate with ITSM (e.g. ServiceNow), SIEMs, identity platforms and OT workflows all without disrupting OT operations.



Affordable Cutting Edge

**Stop by our booth
and discover more**