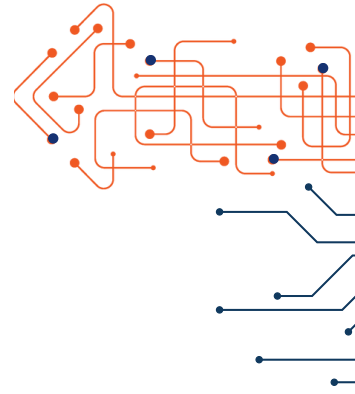


Centralized, Secure, Auditable Access to OT Environments with Privileged Remote Access (PRA)



Create secure internal and external access pathways to your OT environments—no VPN required.

Vendors, contractors, and technicians need reliable and fast access to a wide range of systems. As OT modernization projects increase, organization's cyberattack surfaces are expanding too. Traditional access methods like VPNs may be adopted despite the known concerns with native security vulnerabilities, maintenance difficulties, and configuring them in ways that reliably prevent cyberattacks and horizontal movement within networks.

ZTNA approaches fall short when having to work with custom PLC controllers and devices due to only operating at the application layer. Therefore VPNs became the default "least-worst" option.

OT environments typically require non-standardized, custom equipment, like Siemens devices or Rockwell PLCs that run on custom protocols and require bespoke manufacturer software to connect and control. This has historically forced businesses to rely on vulnerable, unreliable, and hard-to-configure VPNs, to circumvent security practices by punching holes through firewalls to allow people who are not on site to interact with this equipment.

This is exactly what PRA is suited for—providing point-to-point access to custom systems on isolated and non-routable OT networks, without the need for VPN or broad network access—and enabling outbound-only connections that are fully recorded for auditing purposes.

Key Outcomes

Efficient Access Control to OT Environments and Endpoints

Centralized controls provide complete visibility and control over all OT remote access roles, policies, and sessions, including vendors and third parties.

Secure Credentials and Access Pathways

Reduce the risk of human error leading to exposed access pathways with JIT, RBAC, per-session MFA, and credential injection, creating secure access pathways for authenticated users.

Streamline Access Workflows On and Off Network

Security and users can get their work done quicker. A seamless experience in requesting, reviewing, receiving, and accessing systems reduces the operational disruption for admins and users.

Simplify Auditing with Turnkey Compliance

Hands-free auditing is simple for all access sessions, including video and extensive, precise mouse-control metadata.

Client Success Stories

Leading American Downstream Energy Company

Established a smart, flexible connectivity layer enabling operators sitting in Purdue Level 3 to remotely communicate with job sites at Purdue Level 4 without compromising firewalls.

"I've worked with a lot of vendors and BeyondTrust has been easy; I can always count on getting a quality and timely response... PRA covers the protocol, the direction, and the hops. Talk to any OT guy and tell them you've got those taken care of, and they'll want to listen to you."

—Midstream CI/OT Architect

Global Industrial Automation Company

Conducted distributed work across the country by enabling the security team to proxy traffic between each Purdue Model zone and enterprise business networks in Purdue Level 4 to authenticate via MFA and tunnel traffic straight to Purdue Level 2.

"Our use case (with BeyondTrust PRA) only touches the tip of the iceberg of what we can be doing...We've been searching for a long time for a partner that could help us with different types of issues we have in the OT environment, and BeyondTrust is it for us."

—VP & Global Head of Industrial Cyber and Digital Security

To learn more or request a demo, visit <https://www.beyondtrust.com/products/privileged-remote-access> or contact us at <https://www.beyondtrust.com/contact>

Our experts will guide you through the setup process and help you get the most out of our solution.