# BeyondTrust

# Controlling Industrial Systems with BeyondTrust

Organizations using industrial control systems such as SCADA can manage operations simply and securely using BeyondTrust Privileged Access Management.

## HOW IT WORKS

Maintenance and repairs on industrial control systems (ICS) are inevitable and often halt operations while you wait for a vendor or technician to come on site. Allowing technicians to connect to systems remotely can speed up the process, but if they use unsecured remote access tools your ICS can be left vulnerable to attacks.

BeyondTrust Privileged Access Management solves these problems by allowing plant managers and operators to securely control, monitor, and audit access to their ICS by remote technicians and third-party vendors. With the ability to set access permissions, monitor session activity in real time, screen share and collaborate, and automatically record and log activity, plants can eliminate the time spent on manual processes while increasing security.

BeyondTrust allows you to create technician or vendor profiles and set access permissions based on your existing identity life cycle, causing minimal disruption to current processes.

## ROUTINE MAINTENANCE

BeyondTrust facilitates connections for vendors needing access to ICS and SCADA systems to run routine maintenance. With BeyondTrust's granular control capabilities, session parameters can be set to define session duration, network areas of access, and required approval and log in processes. Controlled access can help plant operators control security and see exactly what changes are being done when and where.

## TROUBLESHOOTING

Problems can be quickly diagnosed and solved with BeyondTrust. BeyondTrust allows users to invite in the necessary help via the access invite capability. Through collaboration features, users can work together in a session to troubleshoot and problem solve. In the case that a problem is detected through monitoring, past session data can be easily referenced. This allows users to see if a mistake was made, and the root cause of the issue can be identified using video logs and transcripts.

## SECURE ACCESS

Your critical infrastructure is safe. BeyondTrust Privileged Access Management solution enables plants to manage access to ICS without sacrificing user experience, productivity, or security. When a connection is established, nobody can access that connection unless they are accessing it through BeyondTrust; meaning they are logged in to BeyondTrust and the session is being recorded. With BeyondTrust, plants can strengthen their security posture while maintaining control over industrial processes.

# Gain Control of Industrial Control Systems

Don't waste time and risk security by using traditional and legacy access methods. Keep critical infrastructure secure and systems operating smoothly.

## TRADITIONAL ACCESS

When IT maintenance or repairs need to be conducted on SCADA systems, often times the resources needed are not located near the plant. Plants typically deal with this by arranging on-site visits or using basic remote support tools.
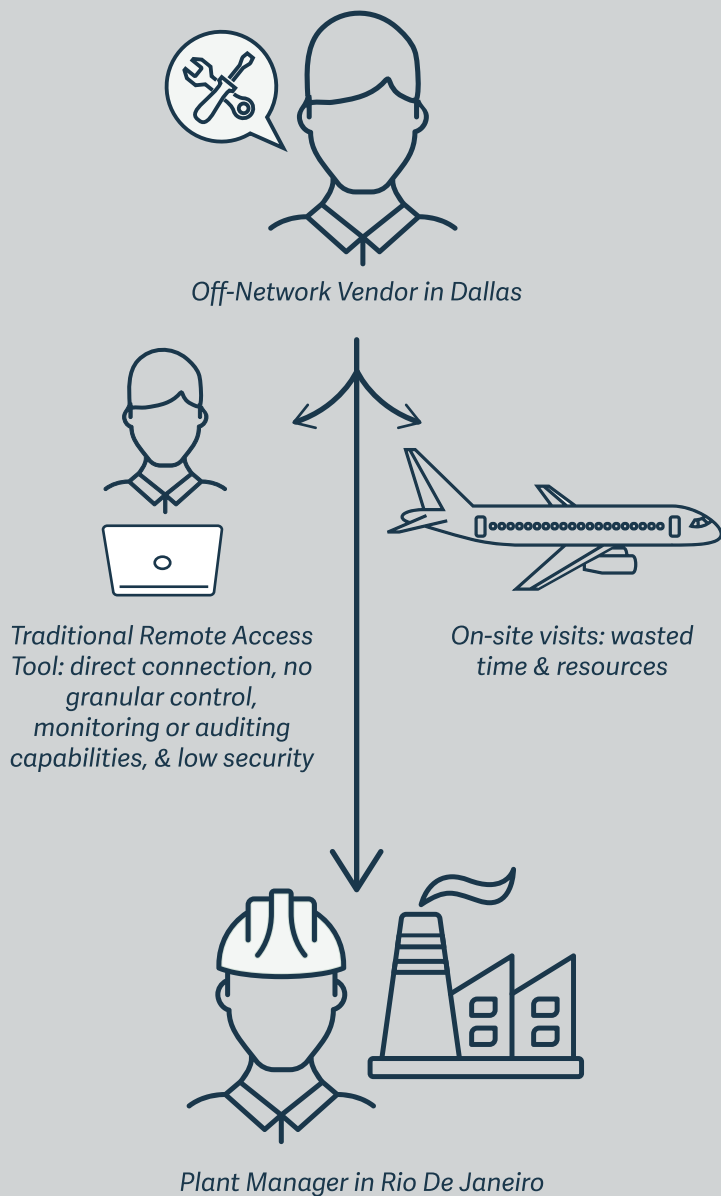
## TAKE CONTROL WITH BEYONDTRUST

BeyondTrust Privileged Access Management enables Plant Operators to quickly resolve problems and oversee repairs, taking the burden of IT maintenance away. Plant Managers can securely connect via outbound connections through the secure BeyondTrust solution.

*Off-Network Vendor in Dallas*

*Traditional Remote Access Tool: direct connection, no granular control, monitoring or auditing capabilities, & low security*

*On-site visits: wasted time & resources*

*Plant Manager in Rio De Janeiro*

*Off-Network Vendor in Dallas*

BeyondTrust

*BeyondTrust Privileged Access Management: visibility into the session, required approvals & sign-in for vendors, granular control over session parameters, automatic reporting, secure, & meets compliance mandates*

*Plant Manager in Rio De Janeiro*

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