



Simplify, Strengthen & Unify Your Security with Zero Trust Access

Strengthen Your Security

Empower Your Users

Grow Your Business!

TAC's comprehensive, scalable Zero Trust approach to access control enables you to:

- Fortify Your Infrastructure
- Reduce Your Attack Surface
- Cut Complexity & Cost
- Simplify Access for End Users
- Thwart Hackers
- Create Segmentation
- Embrace Mobility
- Audit Everything!
- Enable Digital Transformation

IT SECURITY TODAY IS BROKEN

Organizations face a tidal wave of IT security challenges that alone post significant threats, but combined can quickly put them underwater:

- **Complexity** – Too many individual IT security solutions create more risk rather than reduce risk.
- **User Frustration** – Organizations too often incorrectly put the burden of security on end users, requiring multiple different ways to access systems for different situations – leading to user frustrations and workarounds.
- **Exposure** – There are too many open ports across the infrastructure created for access, which are often protected only by credentials and easily exploited by hackers with automated tools.
- **New Tactics** – Hackers are constantly exploiting new methods such as brute force and dictionary attacks, or by phishing valid credentials from end users. Once they have these credentials, most organizations are powerless to stop the hackers.
- **Archaic Network Design** – Many networks are more than 30 years old, with an aging perimeter defense scheme that is hard on the outside and soft on the inside. When a hacker uses compromised valid credentials, they can launch ransomware attacks, exfiltrate data, or execute other malicious activities. It's game over – sometimes before you even know it kicked off.

FIX IT WITH ZERO TRUST ACCESS

Total Access Control provides a Zero Trust solution to centralize all access for local and cloud resources.

TAC boosts security, simplifies the end user experience and provides robust audit capabilities for all access throughout the organization:

Simplify

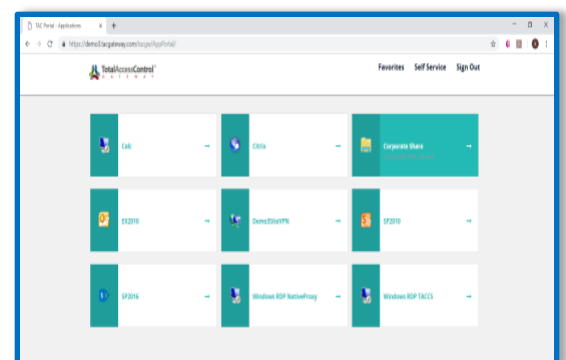
- Easy to Deploy
- Reduces Number of Security Products
- Easier for End Users & Admins

Strengthen

- Vigorous user verification
- Context of Access used to grant/deny access
- Security policies defined for each resource
- Eliminates most open ports
- Provides least privileged access to resources

Unify

- Centralized access to all resources (local and cloud)
- Single Sign-On across enterprise (local and cloud)
- Consistent policy enforcement
- Centralized audit of access for entire organization

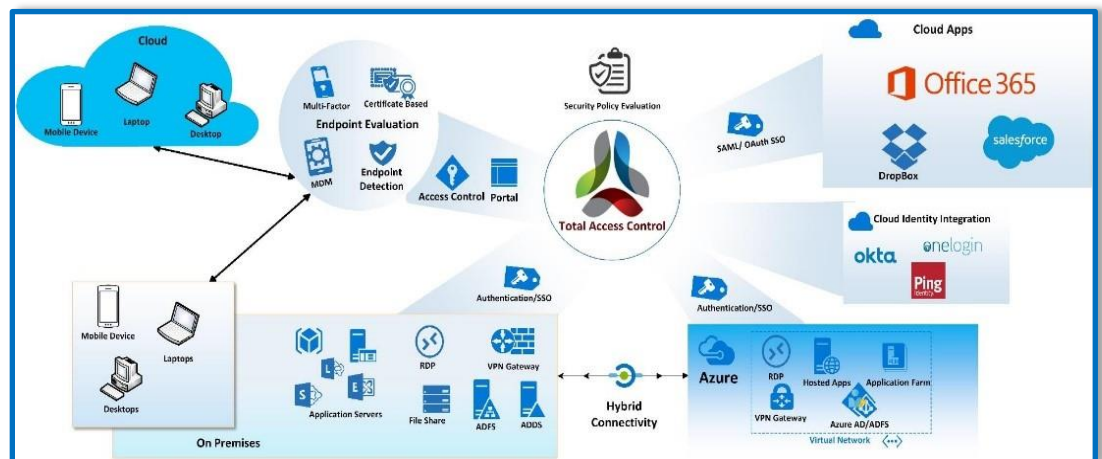




Eliminate Direct Connections to Resources

Total Access Control Features

- Ease of Deployment within Existing Infrastructure
- Any Device – Corporate or BYOD
- Context-Aware Access Control
- Single Sign-On with Multi Factor Authentication
- Consistent, Seamless User Experience
- Optimized Application Delivery (Local & Cloud)
- Protection from Untrusted Devices
- Deploys Across Multiple Data Centers in Disparate Geographies
- Active Intelligence Monitoring & Redirection
- Centralized Administration & Auditing
- Scalable, Enterprise-Proven Reliability
- And Many More



ANY DEVICE, ANY APP, ANYWHERE

Total Access Control eliminates direct connections to resources, regardless of location. This is critical to truly ensure the security of the modern hybrid enterprise, because users have so many ways to access information – from laptops and tablets to desktops and smartphones, and now IoT devices – from just about anywhere.

Users log in to TAC using a single URL, no matter what application they may need or what device they are using. Once authenticated, they can then see a list of all the applications they are authorized to use within an intelligent portal.

Accessing each application is as simple as clicking on it. TAC takes care of the log-on behind the scenes – but with improved security.

PREDICTABLE PERFORMANCE

TAC's flexible architecture provides high availability, redundancy, and traffic management capabilities to ensure dependable, predictable performance at scale. Multiple gateways work together in active/active mode or active/passive mode – whichever works best for you.

TAC automatically syncs configurations between different array members to ensure all nodes are up to date and able to process traffic securely and effectively. TAC also syncs reporting information so you can report from one location.



Context of Access

Comprehensive Validation Makes Life Easier for Your End Users

Your end users access Total Access Control directly and are validated seamlessly – not just on credentials, but more completely through the Context of Access:

- What Device Is Being Used for the Access Request?
- What Is the Security Status of That Device?
- Where Is the User Requesting Access from?
- Is It Through a Managed Corporate Device? A Jail-broken iPhone? A Rooted Android?
- Is the Device Running a Current Anti-Virus Application?
- Does It Have the Proper Certificate?
- And Much More



AT THE CENTER OF ALL ACCESS

Total Access Control sits in the center of all access within your organization. TAC checks all the different attributes of your user's request, plus others you may add. That information, along with your user's credentials and multifactor authentication, are passed on to TAC's Policy Engine.

All of this information is then analyzed against **YOUR** security policies for each individual resource, before the user is presented with a portal showing only the

resources that are available to them at that moment in time – under those specific circumstances.

From there, the user simply clicks on the resource and TAC takes them there with Single Sign-On.

It doesn't matter whether it's a local or cloud resource – your user doesn't even have to know or care where it resides.

All the tools and applications the user needs are available in one place through the TAC portal, making life much easier.



Specifications

SIGN UP FOR YOUR FREE TRIAL

Experience for yourself how Total Access Control's Zero Trust approach secures access to all your resources, both local and cloud, in a single, comprehensive access control solution that:

- Strengthens Your Security
- Empowers Your End Users
- Consolidates Your IT Infrastructure to Reduce Complexity & Costs

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DEPLOYMENT

- Integrated Load Balancing
- Array – Local or Global (Session Persistence in Disaster/Failover Scenarios)
- Designed to Work in Any Environment
 - Single Server
 - Azure
 - Hyper-V
 - VM Ware
 - Physical Appliance (HP)
 - And Many More
- HTTPS Offloading
- Extensive Knowledge Base
- 24/7/365 Support

SECURITY

- TLS 1.2 (with Backward Compatibility Support of TLS 1.0, TLS 1.1)
- SSL 3.0, TLS 1.0, TLS 1.1, TLS 1.2
- FIPS 140-2 Compliant
- Integrated Firewall
- Client Device Inspection (Anti-Virus Registry, etc.)
- Context-Aware Access Control (Granular Application Policy Enforcement)
- Authorization for All Access, Local or Cloud
- GUI Policy Editor
- Audit & Access Logs
- SYSLOG Integration
- Brute Force Protection
- GeoIP Intelligent Access Policies
- Custom Access Methods (API, External IdP)
- Device Management
- Device Binding
- Best Practice HTTP Security (Headers, Framing, Scripting, Cross-Site Scripting XSS)

IDENTITY

- Integrated TAC User Database
- SSO Engine (Forms-Based, 401, Client-Certifications)
- Supports All Authentication Solutions:
 - Active Directory Federation Services Connector
 - OAUTH
 - SAML
 - RADIUS
 - And Many More
- Supports Multi Factor Authentication, including:
 - NTML
 - OTP Engine
 - RSA SecurID
 - SafeNet
 - Swivel Secure
 - Biometrics
 - Vasco
 - Smartcards
 - Duo
 - Conditional MFA
- SafeLogIn (Multi Factor Included)
- Client Certificates

USER EXPERIENCE

- Simplified End User Experience
- Single Sign-On for All Resources, Local & Cloud
- Browser-Agnostic
- Responsive-Design User Portal
- 17 Portal Themes Included
- Fully Customizable Portal Experience Using CSS (Colors, Logos, etc.)
- Branding Customization
- Self-Service Password Management/Reset
- User-Defined Favorites & Search

TAC ENGINE

- VPN
- Always-On VPN
- Reverse Proxy – Web Application Delivery (Any HTTP/HTTPS Application)
- Full Exchange Publishing (ActiveSync/OWA/Outlook)
- RDP
 - Secure Native Client
 - Secure Clientless HTML5
- Context-Aware RDP Profiles
- Citrix XenApp & Xen Desktop
- SSH & IoT Access Controls
- Clientless HTML5 Support
- VMware Horizon View
- TCP/IP Proxy
- Web-Based File Access
- Cloud Application Access Control
- Full HTTP Control, Inspection & Modification
- Client/Server Tunnel TLS

MANAGEMENT

- Centralized Reporting Engine
- Single Pane of Glass View to Manage All Array Members
- Export/Import of Configuration
- GUI Management
- Wizard-Driven Application Publishing
- Tracing Capabilities Across Logs to Identify Errors
- Updates & Configuration Changes Applied Real-Time with No Impact on Services/Sessions
- Direct Migration from Other Application Gateway Products