

Barracuda SecureEdge Premium Access

AI governance and cloud-delivered SASE security for any user on any device

SecureEdge Premium Access is Barracuda's full-stack Security Service Edge solution, combining SWG, ZTNA, FWaaS, and AI governance in a cloud-native platform. It inspects all traffic with AI-powered threat detection, including encrypted payloads, file uploads, and AI-generated prompts. This ensures real-time protection against malware, data leaks, and inappropriate or risky AI usage. Designed for simplicity, it offers centralized management, seamless deployment, and flexible licensing — delivering enterprise-grade security with ease of use.

Work Securely from Anywhere

SecureEdge Premium Access delivers secure networking to all users and devices. Connecting via SecureEdge POPs (Points of Presence), safe access to any application is ensured, by it on-premises or in the cloud. Continuous ZTNA policy enforcement and threat protection apply to all traffic, including encrypted web traffic.

AI Defense vs Zero-Day Threats

Analyze traffic with AI to block threats before they reach users and, thus, protects also against sophisticated attacks like weaponized QR codes, malicious media, and AI-generated phishing to avoid detection.

AI-based Content Filter

AI-based content inspection examines web traffic to social media site in real-time to block inappropriate behavior and malicious activity.

Anywhere Web Security

Monitor and block harmful web content in real-time, enforcing company policies and providing visibility into encrypted traffic and suspicious keywords, whether employees work remotely or onsite.

Secure Encrypted Traffic

Malware often hides in encrypted web traffic. SecureEdge Premium Access includes Deep inspection with TLS interception to apply malware & virus

protection, application control, URL filtering, and even Advanced Threat Protection to encrypted web traffic TLS inspection can be fine-tuned to exempt local networks, users/groups, URL filter categories, or custom defined domains from scrutiny.

Security without boundaries

Enforcing access policies on remote devices that are used off-network is critical for preventing malware intrusions into the network, and for preventing data loss. SecureEdge Internet Access and its cloud delivered FWaaS and Secure Web Gateway include unrestricted traffic for agents that ensure users and devices are protected whenever they access the web — whether they're on or off your network.

BarracudaONE platform integration

SecureEdge DNS Access directly benefits from the BarracudaONE Cybersecurity Platform and Advanced Threat Protection submission findings from all protected threat vectors from more than 250,000 customers that are analyzed and made available in near real time using advanced machine learning and AI algorithms. This includes known bad domains, IPs, malicious files and any other internet-delivered artifacts used by malware such as JavaScript and active malicious html and web content.

Barracuda SecureEdge Premium Access Highlights

General & central management

- All features managed centrally via cloud-based SecureEdge Manager
- Management languages available: English, German, French, Japanese
- Self-provisioning (onboarding) for SecureEdge Access Agent
- MDM based silent enrollment for SecureEdge Access Agent
- SecureEdge Access Agent available for
 - Windows
 - macOS
 - Linux
 - iOS (incl. iPads)
 - Android
 - Chromebook
- Multi-tenant capabilities
- Multiple workspaces per tenant
- Authentication & Identity Provider Support
- Cloud services provided by Barracuda SecureEdge Access Points of Presence (POPs)¹
- Selectable data residency for
 - reporting
 - management
- Cloud services provided by² Barracuda SecureEdge Access Points of Presence (POPs), SaaS-delivered Barracuda SecureEdge Edge Services, private Barracuda SecureEdge Edge services (Appliance or Vx) or Azure Virtual WAN based SecureEdge service.

Identity Providers

- Supported ID Providers
 - Microsoft Entra ID
 - Google Workspace
 - Barracuda Cloud Control
 - OpenID Connect
 - Okta Workforce
 - SAML 2.0
 - Local with email-based authentication
- Support for multiple user directories for each identity provider and SCIM
- Time-based re-authentication

Dashboards, reporting, and notifications

- 30 days retention of data for reporting included with active Premium Access subscription
- Customizable dashboards from dozens of widgets
- Actionable dashboards (drill down)
- Ad-hoc as well as scheduled reporting
- Custom reports
- Built-in reports
 - Allowed Summary
 - Blocked Summary
 - Category Summary
 - Domain Summary
 - Latest Web Activity
 - User Summary
- Integration with Barracuda XDR
- Integration with Azure Monitor
- Notifications on operational, security and management events

Web Security & Content Filter

- DNS-based content filtering
- Category-based content filtering
- Filtering by
 - Category
 - Custom category
 - Domain
- A-based content filter for uploads to social media sites (incl. Images)
- Customizable default policy for all users and sites
- Web filter policies based on
 - User
 - Group
 - Location
 - Site
 - Agent
- User, group, network, and site policy exceptions
- Custom categories
- Tamper-proof SecureEdge Access Agent for all platforms
- Max. 10 devices per user in simultaneous use
- Predefined URL filter categories: > 100, details see Campus
- Security categories to prevent malware, spyware and phishing:
 - Advertisements or Banners
 - BOT Phone Home
 - Botnets
 - DoH & DoT
 - Hacking or Cracking
 - Infected Sites
 - Keyloggers
 - Malware
 - Mobile Malware
 - Newly Registered Domains
 - Phishing Sites
 - Piracy & Copyright Theft
 - Remote Proxies
 - SPAM
 - Spyware
 - Tracking Sites

¹ See Barracuda SecureEdge Service Description in section Legal > Product Guide on trust.barracuda.com for a list of available POPs.

² ZTNA cloud services for SecureEdge DNS Access and SecureEdge Premium Access only available provided by Barracuda SecureEdge Access Points of Presence (POPs)

For more information on the feature set of Barracuda SecureEdge, please visit barracuda.com.

