AuthPoint

MFA That's Powerfully Easy

Using stolen credentials to breach network resources is the #1 tactic that hackers use.* By requiring additional proof of identity beyond a simple password, multi-factor authentication is the single most important safeguard to protect your business.

WatchGuard's unique multi-factor authentication (MFA) solution not only reduces network disruptions and data breaches arising from weak or stolen credentials, but we deliver this important capability entirely from the Cloud for easy set-up and management. Moreover, AuthPoint™ goes beyond traditional 2-factor authentication (2FA) by incorporating innovative ways to identify users, such as with our Mobile Device DNA. With our large ecosystem of 3rd party integrations, this means that strong protection can be consistently deployed across the network, VPNs, Cloud applications – wherever it's needed. Even non-technical users find the friendly AuthPoint mobile app easy and convenient to use. Ultimately, WatchGuard AuthPoint is the right solution at the right time to make MFA a reality for businesses who desperately need it to block attacks.

Effective MFA Protection with Mobile Device DNA

Multi-factor authentication requires users to supply information they know (username and password), and information provided on something they have, as well as other factors that can be associated to the specific individual. AuthPoint provides a highly secure MFA product using a push message, QR code, or one-time password (OTP); and our mobile device DNA matches the authorized user's phone when granting access to systems and applications. Therefore, any attacker who clones a user's device in an attempt to access a protected system would be blocked, since the device DNA would differ.

Easy-to-Use AuthPoint Mobile App

WatchGuard's AuthPoint app allows users to authenticate right from their own phone! No need to carry key fobs or thumb drives; instead install and activate the AuthPoint app in seconds, and then use it to authenticate from a smartphone. It enables speedy push-based authentication as well as offline authentication using QR codes with the phone's camera. The app is available in 11 languages and downloads free of charge from the AppStore and Google Play.

Broad Coverage with Web SSO

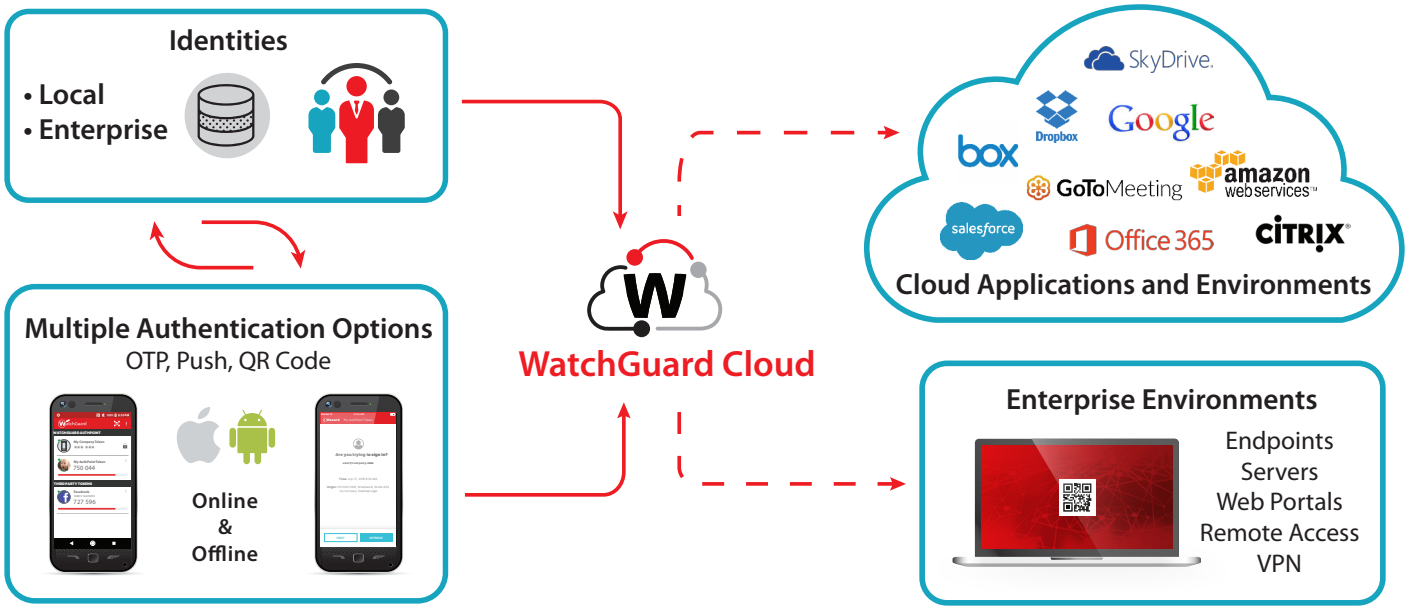
WatchGuard's ecosystem includes dozens of 3rd party integrations with AuthPoint – allowing companies to require users to authenticate before accessing sensitive Cloud applications, VPNs and networks. AuthPoint supports the SAML standard, permitting users to log in once to access a full range of applications and services. In addition, the secure login feature provides online and offline authentication to Windows and Mac machines using the AuthPoint app.

A Low TCO Cloud-based Service

Companies with limited IT staff and security expertise benefit from MFA protection that's easy to deploy and manage from the Cloud. AuthPoint runs on the WatchGuard Cloud platform and is available from wherever you are. There is no need to install software, schedule upgrades or manage patches. Moreover, the platform easily accommodates a single global account view or many independent accounts, so that distributed enterprises and managed service providers can display only the data relevant to a person's role.

**Verizon Data Breach Investigations Report 2018*

Keep Imposters Off Networks, VPNs, Cloud Resources and More!



WatchGuard Cloud Platform

- 100% Cloud-based management
- Authenticator allocation and activation
- Authentication policies based on groups and resources
- Logs and reports
- Role-based access
- Intuitive, attractive user interface

AuthPoint Mobile App

- Three authentication methods in one:
  1. Push messages
  2. One-time passwords
  3. QR codes when offline
- Mobile authenticator – no additional hardware to carry
- 11 languages
- Multi-token support
- iOS and Android – free to download
- PIN/biometrics protection (on certain devices)
- Mobile device DNA – added authentication factor
- Self-service mobile token migration to new devices

AuthPoint Gateway

- Corporate network gateway
- AD and LDAP user authentication and sync
- RADIUS proxy

AuthPoint Agents

- Integration with 3rd party applications without native MFA support
- Computer login protection for Windows and macOS

AuthPoint Ecosystem

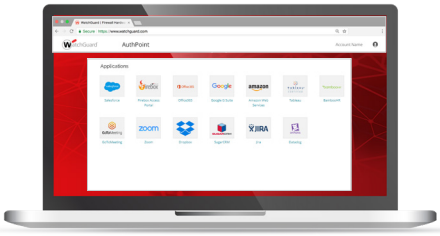
- Add MFA to Cloud resources, applications, databases and web resources
- Support for SAML and RADIUS standards
- Comprehensive integration guides for many popular 3rd party solutions

Recommended Use Cases

VPNs / Remote Access

Same user experience as username + password BUT more secure, and with a single-click confirmation.

1. Request connection with username & password
2. Confirm VPN connection – request through AuthPoint app



Cloud Applications – Web SSO

1. Access the Identity Portal (IdP)
2. Authenticate using OTP, push or QR code
3. Access all the apps to which you are entitled – no need to authenticate again!

PC Login – Online Authentication

1. Click on "Send push"
2. Confirm PC login request through AuthPoint app
3. Login is done

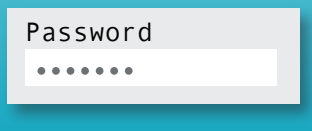
PC Login – Offline Authentication

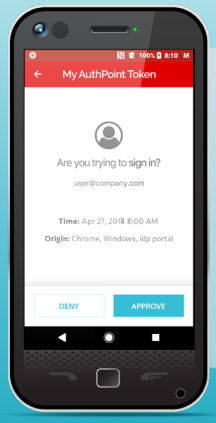
1. Select "QR code" to authenticate
2. Scan the QR code using the AuthPoint app
3. In this example, you would type the response 717960

What Is Multi-Factor Authentication (MFA)?

Use of 2 or more authentication factors, from:

- **Something you know** (password, PIN)
- **Something you have** (token, mobile phone)
- **Something you are** (fingerprint, face)





AuthPoint factors:

1. **Your password**
2. **Approval on your mobile authenticator**
3. **Correct mobile phone DNA**
4. **A fingerprint to access** (with certain phone models)

AuthPoint delivers on the promise of MFA by limiting the business risk associated with poor passwords without compromising on ease of use for employees and IT staff alike.

Everything in a Cloud service – with no hardware to install and software to maintain…MFA is now considered core protection, and it comes from WatchGuard hassle-free.

Tom Ruffolo
CEO, eSecurity Solutions

Making the Case for MFA

When considering the direct and indirect expenses associated with a data breach, the costs can add up. After a breach, a company often hires specialists to investigate the cause of the breach, and then adds security measures to address any failures, as well as pays regulatory fines, legal fees, and more. Even so, the indirect costs from reduced employee productivity, and lost current and future customers can be more substantial. To put a number on it, a Ponemon Institute study[1] puts the **average cost of a data breach at $141 per data record** with sensitive data…or $1.32M when you consider the average data breach of 9,350 records.

How likely is it that you will experience a breach from a weak or shared password? Data shows that 3 out of 100 people[2] use the weak password "123456" and **6 out of 100 use the same password for all online accounts**. So, you have to ask yourself, how likely is it that one or more of your employees are mishandling their passwords. This may be why more regulatory bodies are requiring 2FA or MFA for at least some portion of compliant companies' users – such as with the additions to the Payment Card Industry Data Security Standard (PCI-DSS) v 3.2.

The good news is that you can mitigate these risks with Cloud-based multi-factor authentication for a reasonable cost! With no expenses for additional infrastructure, hardware tokens, and software support and maintenance, it takes just **$2.50 per user, per month** or less to reduce the likelihood of the aforementioned $1.32M in breach expenses.

1 2017 Ponemon Institute Cost of Data Breach Study and 2017 Ponemon State of SMB Cybersecurity Report

2 http://fortune.com/2017/12/19/the-25-most-used-hackable-passwords-2017-star-wars-freedom/

3 https://www.statista.com/statistics/763091/us-use-of-same-online-passwords

THE WATCHGUARD SECURITY PORTFOLIO

Network Security

In addition to delivering enterprise-grade security, our platform is designed from the ground-up to focus on ease of deployment, use, and ongoing managing, making WatchGuard the ideal solution for SMB, midsize, and distributed enterprise organizations worldwide.

Secure Wi-Fi

WatchGuard's Secure Wi-Fi Solution, a true game-changer in today's market, is engineered to provide a safe, protected airspace for Wi-Fi environments, while eliminating administrative headaches and greatly reducing costs. With expansive engagement tools and visibility into business analytics, it delivers the competitive advantage businesses need to succeed.

Multi-Factor Authentication

WatchGuard AuthPoint™ is the right solution to address the security gap with multi-factor authentication on an easy-to-use Cloud platform. WatchGuard's unique approach adds the "mobile phone DNA" as an identifying factor to ensure that only the correct individual is granted access to sensitive networks and Cloud applications.

Find out more

For additional details, talk to your authorized WatchGuard reseller or visit **https://www.watchguard.com.**

About WatchGuard

WatchGuard® Technologies, Inc. is a global leader in network security, secure Wi-Fi, and network intelligence products and services to more than 80,000 customers worldwide. The company's mission is to make enterprise-grade security accessible to companies of all types and sizes through simplicity, making WatchGuard an ideal solution for distributed enterprises and SMBs. WatchGuard is headquartered in Seattle, Washington, with offices throughout North America, Europe, Asia Pacific, and Latin America. To learn more, visit **WatchGuard.com**.