

Check Point + Rainbow Secure

Multi-layered Security with Strong Multi-factor Authentication Access



Having multiple layers of defense is as important for your firewall as it is for your user authentication processes. Firewalls no longer simply provide layer 3 access controls. They do this and much more including Intrusion Prevention (IPS) and sandboxing to detonate files in a virtual environment and prevent zero-day threats.

The same is true of how we verify user identity. Simple username and password combinations can be brute forced or cracked. Adding another factor to the authentication process (MFA) such as SMS or email verification of a one-time code (OTP) increases your security. Rainbow Secure improves on this, strengthening security access without impacting user convenience by introducing graphical factors.

CHECK POINT BENEFITS

- Prevent-first approach stops attacks before they enter your network or infect your users
- Comprehensive security everywhere: On-prem networks, cloud and user
- Consolidating security reduces total cost of ownership and operating expenses
- Collaborative approach enables strong integrations with new and innovative technologies such as Rainbow Secure

RAINBOW SECURE BENEFITS

- Ensure authorized and secure access for remote users with Multidimensional MFA
- Security with extreme usability
- Prevent unauthorized remote access
- Prevent replay attacks, SMSing, Man in the middle, Device Cloning, MFA spoofing, and MFA prompt bombing / MFA fatigue that forces user to give approval to get rid of prompts
- Prevent credential phishing, credential stuffing, brute-force, keylogger, BOTS, DDoS ransomware
- Meets all DFARS NIST 800-171 MFA requirements (both online AND offline)

Check Point, a leader in preventing network, cloud, endpoint and mobile threats, is partnering with Rainbow Secure to level up your user authentication processes. Authentication Plugin by Rainbow Secure gives multi-dimensional color and style options, user interaction for passwords, OTPs and MFA tokens to protect user logins from attacks like account take over, phishing, BOTs, password reuse and keyloggers. This both reduces cyber risks and liabilities that may impact a business, and also meets security compliance regulations for secure access.

Rainbow Secure, when combined with Check Point's portfolio of solutions is a winning combination. Protect your organization from the latest, sophisticated cyber-attacks with an industry leading catch rate of malware, ransomware and other threats that are targeting remote users, cloud and network perimeters and datacenters.

Add Rainbow Secure multi-dimensional and multi-factor authentication (MFA) to protect access to your Check Point VPN remote access, CloudGuard cloud security administrators, and Harmony remote access user logins. This is accomplished using the SAML protocol to delegate the authentication between Check Point and Rainbow Secure.

Rainbow Secure MFA supports a range of login methods, including both online and offline options, and is device agnostic. This solution is flexible, scalable, user-friendly, strong, and has a lower total cost of ownership, making it a valuable addition to your enterprise's security strategy and cyber readiness. No more credential phishing, no more MFA fatigue, and no more MFA support headaches.

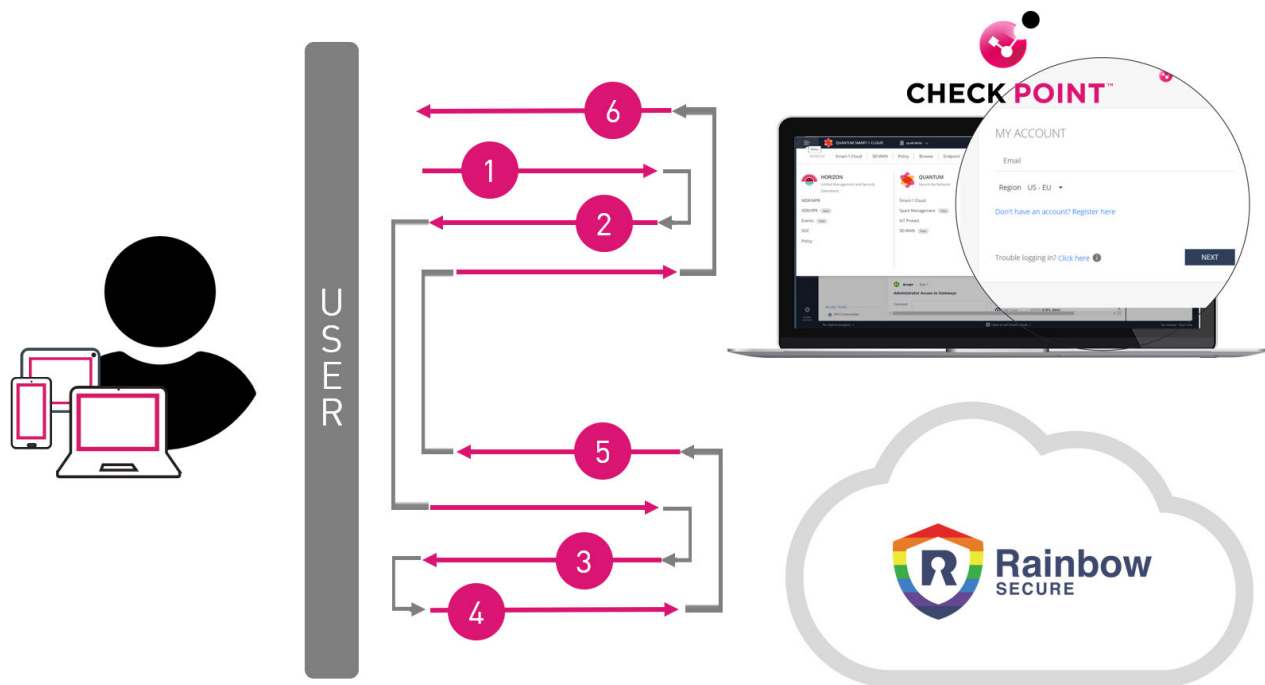
Login Methods

For secure login, Rainbow Secure Solutions provides two options: Method 1, which utilizes multi-dimensional MFA authentication, and Method 2, which employs multi-dimensional OTP MFA authentication. Additionally, admins can activate a step-up action where Method 2 is triggered based on the request risk score during Method 1. These methods can be used with Check Point Quantum network security, CloudGuard cloud security and Harmony user security.

Method 1: The Rainbow Secure Technology allows for strong login credentials by adding various graphical factors to password characters, making logins more interactive and protecting against attacks. Users can customize their password as needed and the technology is suitable for online, on-premises, and offline use, with added security measures such as geofencing, risk analytics, and AI monitoring. Check Point users can instantly access their accounts after providing their approval.

Method 2: This method of authentication involves the user receiving a one-time password on one or more configured devices or apps, along with a formatting challenge to color or style the OTP. The user's response is validated by Rainbow Secure Authentication Service and access to the requested resource is granted if the response is correct. This process ensures that the user is involved in the authentication process. Check Point users can instantly access their accounts after providing their approval. Additionally, the user's location and access request context are verified in the backend.

A Better Approach To Using Multi-Factor Authentication



- 1
 - 2 A user attempts to access a resource.
 - 3 Check Point redirects the user to Rainbow Secure for authorization
 - 4 Rainbow Secure queries the user for authorization credentials
 - 5 The user presents the requested credentials.
 - 6 Rainbow Secure returns the user to Check Point with an authentication response.
- Check Point presents the requested resource to the user.

Summary

Check Point cyber security products used in conjunction with Rainbow Secure provide enterprises with a great way to increase employee productivity, usability, authentication, and security. Security, access, and ease of use are now offered in a great package together. Employees can now enjoy secure access to all company and Internet applications, and IT admins can now have their well-deserved peace of mind as well. The fact that Check Point and Rainbow Secure can scale and grow with your business needs and requirements will help you concentrate on newer IT demands.

About Check Point

Check Point Software Technologies Ltd. (www.checkpoint.com) is a leading provider of cyber security solutions to corporate enterprises and governments globally. Check Point Infinity's portfolio of solutions protects enterprises and public organizations from 5th generation cyber-attacks with an industry leading catch rate of malware, ransomware, and other threats. Infinity comprises three core pillars delivering uncompromised security and generation V threat prevention across enterprise environments: Check Point Harmony, for remote users; Check Point CloudGuard, to automatically secure clouds; and Check Point Quantum, to protect network perimeters and datacenters, all controlled by the industry's most comprehensive, intuitive unified security management; Check Point Horizon, a prevention-first security operations suite. Check Point protects over 100,000 organizations of all sizes.

About Rainbow Secure

Rainbow Secure is a company that specializes in developing user-friendly security technologies and solutions for businesses of all sizes. Their services help companies comply with industry regulations while providing customized security solutions to meet their specific needs. Whether the people are employees, partners, or customers or the applications are in the cloud, on-premises, or on a mobile device, Rainbow Secure helps IT become more secure, makes people more productive, and maintains compliance.

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