



AG SERIES SOLUTION BRIEF

Duo Security

Array Networks and Duo Enable Secure SSL VPN Remote and Mobile Access with Easy and Effective Two-Factor Authentication

Duo Security Authentication Overview

Duo Security's two-factor authentication adds a second layer of security to VPNs, cloud apps and on-premise apps by using a second factor – such as a smartphone, tablet or even a landline phone – to verify the user's identity. Verification is accomplished through the Duo mobile app, SMS, voice call or other mechanism.

Using Duo Security, enterprise networks, business-critical applications and cloud services are secured against unauthorized access, even if someone were to guess the user's password. In addition, alerts can also be provided for unauthorized login attempts.

SSL VPN with Integrated Two-Factor Authentication

Array AG Series secure access gateways (SSL VPN) address challenges faced by enterprise, service provider and public sector organizations in providing secure remote and mobile access to applications and cloud services. Available in a range of scalable, purpose-built appliances or as a virtual appliance for cloud and virtualized environments, the AG Series can support multiple communities of interest, connect users both in the office and on the go, and provide access to traditional enterprise applications as well as services running in public, private and hybrid clouds. Through interoperability with Duo Security's two-factor authentication solution, the AG Series can support an additional layer of defense against unauthorized access and misuse of data and applications.

How it Works

Duo Security easily integrates with the Array AG Series via an intuitive deployment guide hosted on the Duo Website at <https://www.duosecurity.com/docs/array-ag>. Users first authenticate via a primary method, typically AD or RADIUS. Successful primary authentication triggers the AG Series to transfer the login request to Duo's cloud for secondary authentication. Duo communicates with the end user directly

through a Push notification (for smartphones) or SMS or a phone call or other methods. The end user is granted access to the appropriate network resources after approving the request for secondary authentication from Duo.

Controlled Access for Compliance

Organizations that require a higher level of protection for compliance with regulations such as PCI-DSS or HIPAA, for example, or that want to enhance the multiple authentication methods offered by Array's AG Series secure access gateways, can utilize Duo Security's integration to add Duo two-factor authentication as an additional layer of security.



Figure 1: Custom-Branded Push Notification Example

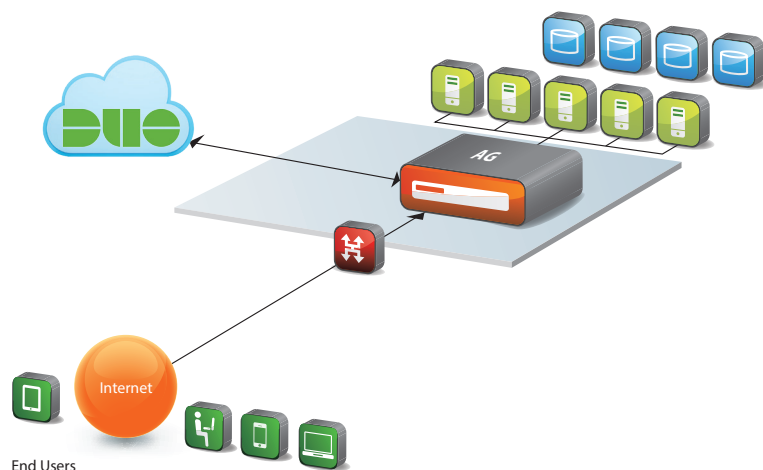


Figure 2: Deployment Example

AG Series Benefits

- > Anytime, anywhere browser-based secure remote access enables increased productivity for employees, partners, tenants, customers, contractors and guests
- > Simple scalable and secure remote desktop that enables use of PCs and virtual desktops from any device in any location
- > Secure mobile access for individual native and Web applications for supporting Bring Your Own Device (BYOD) or secure access from managed smartphones and tablets

Duo Security Benefits

- > Easy authentication – so easy that people will actually use it. Convenient one-tap authentication through push notifications
- > Wide variety of authentication methods offers ultimate flexibility
- > Custom branding – keep your brand consistent and avoid confusing users with customizable login pages
- > Self-service portal – allows users to manage their own devices, reducing help desk calls
- > User self-enrollment – users can provision themselves with little or no training required

For more information about how Duo Security can help protect your sensitive information against unauthorized access and misuse, visit us at duo.com or send an email to info@duosecurity.com. For more information about how Array Networks can help you provide secure remote, local and mobile access to your organization's data and applications, visit us at arraynetworks.com or send us an email at sales-info@arraynetworks.com.