Palo Alto Networks and Nordic Edge

Technology Segment: Authentication

The Palo Alto Networks Technology Partner Program includes a select group of partners that deliver solutions or products that interoperate with the next-generation firewall.
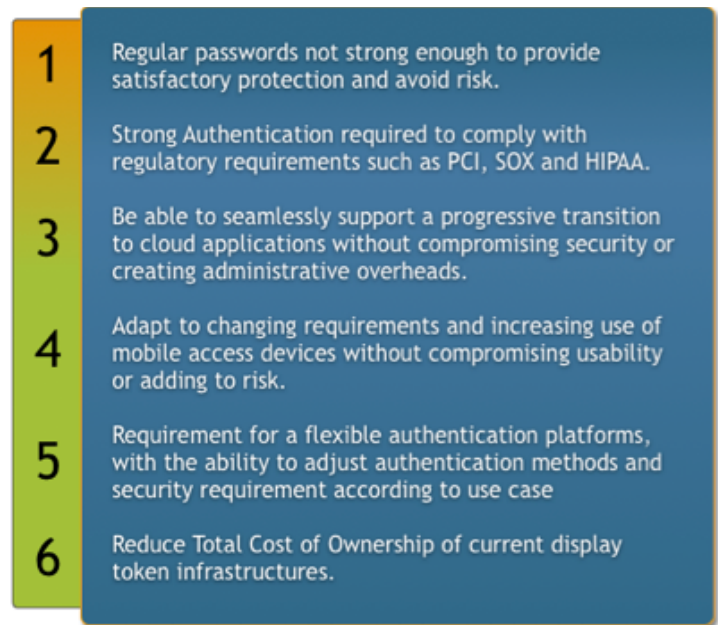
HIGHLIGHTS

- Complete support for access and rule compliance at the user and application level

- Configuration and reporting of threat signatures for integrated threat management

- Full on-demand policy compliance audits (PCI-DSS, NIST, etc.) for next-generation firewalls

- Automated firewall analysis and audits to optimize firewall rule-sets and maintain compliance

- Network modeling and access path analysis to troubleshoot application and user connectivity issues

SOLUTION OVERVIEW

Palo Alto Networks and Nordic Edge have partnered to deliver a variety of different easy-to-use, reliable, and strong authentication methods.

THE NEED FOR SECURE IDENTITY SOLUTIONS
IT administrators today face an ever-increasing business demands, as shown in Figure 1. These call for a next generation, strong authentication platform that is proven and ready today, but architected to support future, evolving requirements.

1 Regular passwords not strong enough to provide satisfactory protection and avoid risk.

2 Strong Authentication required to comply with regulatory requirements such as PCI, SOX and HIPAA.

3 Be able to seamlessly support a progressive transition to cloud applications without compromising security or creating administrative overheads.

4 Adapt to changing requirements and increasing use of mobile access devices without compromising usability or adding to risk.

5 Requirement for a flexible authentication platforms, with the ability to adjust authentication methods and security requirement according to use case

6 Reduce Total Cost of Ownership of current display token infrastructures.

Most organizations with applications and services that are accessible through the Internet have a need to secure remote access to their resources. Many organizations still rely on only username / password for access, a very poor security solution. It leaves the login open for many different kinds of attacks, such as shoulder surfing, keyboard sniffing, social engineering, and brute force hacking, among others.

The growing use of mobile devices and cloud computing services adds a level of complexity to these challenges. All organizations should evolve the capabilities of their identity assurance programs to meet these new demands.

NORDIC EDGE ONE TIME PASSWORD SERVER 3
The Nordic Edge OTP3 is a one-time password server that validates one-time use passwords to offer dual factor authentication for internal, remote, and mobile

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nordic edge

network users. One-time passwords overcome the well known security issues that surround static passwords. Fully standards-based, OTP3 is offered as an installable software program that operates in Java-based virtual machine environment and is compatible with all major operating systems.

The OTP3 integrates seamlessly with many different types of remote connections, such as VPNs, web servers and thin-clients. It easily connects to an existing user store and does not require its own user depository, like many other authentication solutions. This means current administration tools can be used, resulting in minimal administrative overhead. It requires minimal investment and effort to get up and running.

Most importantly, OTP3 supports multiple authentication delivery methods, including hard and soft tokens, and the popular SMS (text messaging) method. The OTP3 can be flexibly implemented to meet customer preferences for one-time password generation.

Custom applications can easily be integrated into this product by using our programming API's, for which there are Java and Microsoft .NET framework versions available.

PALO ALTO NETWORKS

Palo Alto Networks™ (NYSE: PANW) is the network security company. Its innovative platform allows enterprises, service providers, and government entities to secure their networks and safely enable the increasingly complex and rapidly growing number of applications running on their networks. The core of Palo Alto Networks' platform is its Next-Generation Firewall,

which delivers application, user, and content visibility and control integrated within the firewall through its proprietary hardware and software architecture. Palo Alto Networks' products and services can address a broad range of network security requirements, from the data center to the network perimeter, as well as the distributed enterprise, which includes branch offices and a growing number of mobile devices. Palo Alto Networks' products are used by more than 9,000 customers in over 100 countries.

www.paloaltonetworks.com

NORDIC EDGE

Nordic Edge, based in Stockholm, Sweden, is a leading provider of secure identity and access management solutions for both internal networks and cloud computing services. Established in 2002, the company has developed a full suite of identity assurance products and deployed them in major organizations across Europe.

As a result of the capabilities of its software products and solutions, Nordic Edge was acquired by Intel in 2011 to serve as an important pillar of Intel's secure cloud initiatives. Today, the company operates as an independent Intel subsidiary, maintaining its headquarters in Sweden, and opening up a sales office in North America. Nordic Edge's strategy and direction are now interlocked with Intel's highly differentiated approach to cloud, mobile device and remote access security.

www.nordicedge.com

For more information, contact techpartners@paloaltonetworks.com