



Portal Security Guide

Introduction

It's a well-documented fact that corporate web portals have a positive impact on organizations. By creating a single doorway through which employees / customers / partners obtain access to private content / data / applications / services, organizations are able to deliver personalized, convenient access to a variety of applications across diverse environments.

Nenix SentryAccess integrates into your existing portal architecture to deliver a strong, secure web portal solution for your organization. By integrating Nenix's enhanced security solution into your web portal, you will deliver secure single sign-on, thereby providing more efficient access to information and services over the Internet.

The Nenix Advantage: Portal Efficiency

SentryAccess enables quick installation and customization of your portal. This includes control of the portal's general "look and feel," with features ranging from setting corporate logos and color schemes to creating predefined templates for use in collaborative workspaces.

The Case for Portal Security

As the number and type of apparatuses accessing your Web sites increases, secure management of your portal becomes ever more imperative. For example, let's assume that your Partners' employees require secure access to systems within a distributed networked environment. With extranets and B2B portals, hundreds – and potentially thousands – of these people must to be enabled to share portions of internal systems, applications, and knowledge bases. How can you be sure that your proprietary resources remain secure?

By incorporating the Nenix solution into your portal, you will obtain dynamic user authentication while delivering multi-service portals and virtual ISPs. Further, you will enjoy our integrated, easy-to-use administrative interface which supports either centralized or delegated service management.

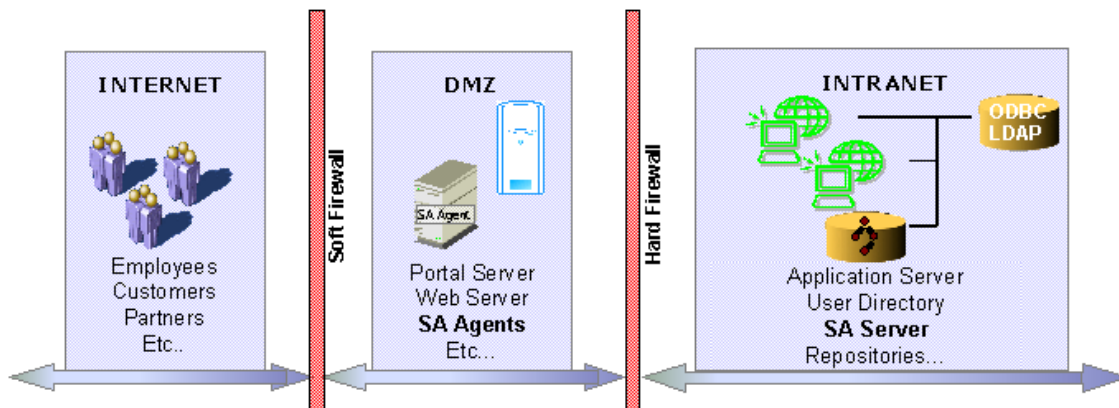
Nenix SA extends your Portal's capabilities through:

- **Strong User Verification**
Incorporate a variety of strong authentication methods into your Single sign-on deployment: biometrics, smart cards, tokens, passwords, html forms, and/or X.509 digital certificates.
- **Lightweight, Flexible Solution**
SentryAccess does not require much customization to existing systems. Our solution is entirely software-based, and is easily deployed – and easily maintained.
- **Broad Platform and Directory Support**
SentryAccess supports leading infrastructure components, including platforms, directories, and Web servers.
- **Standards-based Solution**
SentryAccess is based on open eBusiness standards, making it easy to incorporate into existing portals. Further, our simple GUI makes management of your system easier than ever.

Portal Architecture and the SentryAccess Solution

The diagram below depicts a typical scenario in which Nenix SentryAccess software is deployed and integrated into an existing Portal environment.

Your corporate portal and Web Servers, along with the Nenix SentryAccess Agent, are located in an area known as the Demilitarized Zone (DMZ), which sits between the Internet and your trusted internal network. Within the DMZ reside corporate devices accessible to Internet traffic, such as Web, email, DNS, or FTP servers. Nenix SentryAccess backend services are located in your Intranet, typically behind another firewall. This is so that the SentryAccess Server may securely communicate with your relevant, protected databases and registries.



SentryAccess is installed on Web sites requiring single sign-on capabilities, including your corporate portal and any web applications you make accessible through it. In this scenario, the SentryAccess software governs access to all such web sites. In particular, the portal has been configured to offload the user authentication process to SentryAccess, thereby enabling SentryAccess to determine access rights while delivering single sign-on across multiple applications and sites.

The Nenix Advantage: Product Suite Benefits, not Product Suite Prices

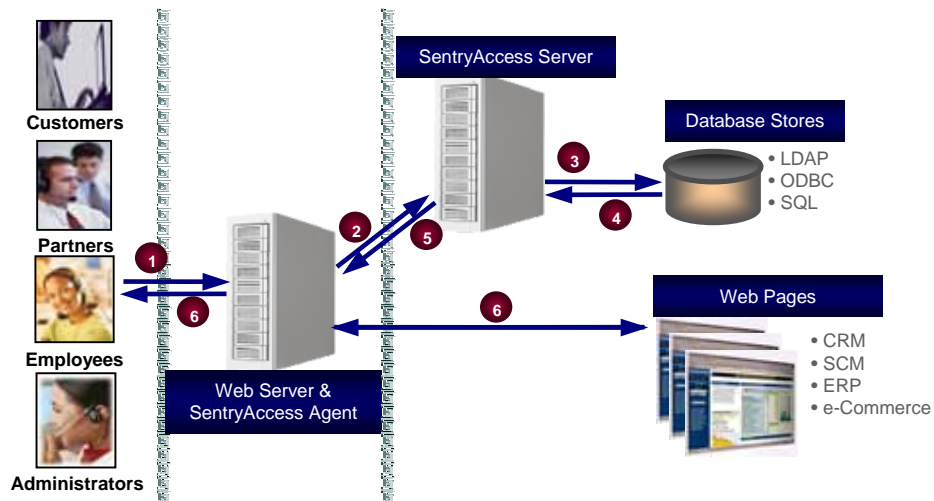
SentryAccess delivers the functionality of contemporary product suites at a fraction of the cost. With SentryAccess, you'll get broad auditing and reporting functions; strong user authentication and access control; and access to legacy LDAP databases – straight out of the box. There aren't any additional modules to purchase, ever.

User login activity is performed by a separate SentryAccess component, the SentryAccess Server. A typical scenario of a user logging into a corporate portal is described on the next page.

Corporate Portal, SentryAccess Log-In Scenario

Following is a typical login process, using SentryAccess to protect your corporate portal.

1. A user, not currently logged into SentryAccess, attempts to log in to your portal.
2. A SentryAccess Agent intercepts the login request and forwards the login information to the SentryAccess Server for validation.
3. The SentryAccess Server queries your database for login information, and requests user privileges and entitlements.
4. The database confirms/rejects the user's login information, and forwards said information back to the SentryAccess Server.
5. The SentryAccess Server forwards the information to the SentryAccess Agent for handling.
6. If authentication is successful, the SentryAccess Agent issues a single-session SSO cookie and passes it to the user's browser. If authentication is unsuccessful, a pre-determined redirect page is presented.



Upon successful login, and depending upon the method chosen, the user is either automatically redirected back to the portal home page (no additional login information required), or presented with a personalized menu of available resources. Subsequent attempts to access links through the portal will now deliver the user to additional web sites protected by SentryAccess, and for which the user has the appropriate entitlements for.

Try SentryAccess for Free

For a limited time, you can secure your corporate internet portal for free. Visit www.nenix.com to register for your 30-day trial version of SentryAccess. Or, to speak with a Nenix Security Representative, call us at +1.408.970.9424.

About Nenix Corporation

Nenix delivers Smart and Secure Web Access Management (WAM) software solutions to customers in a variety of industries. Nenix's solutions enable customers to securely deploy e-Business environments, where audiences can converse and conduct business efficiently, without worrying that sensitive information is being compromised. International corporations have chosen Nenix for its easy-to-install solution that is simple to manage, yet extremely secure. Nenix supplies WAM solutions and technology to customers through a rapidly growing worldwide channel distribution network. To meet customer demands, Nenix offers turnkey solutions through qualified business partners. With offices in North America and Asia, Nenix has the expertise and authority to address all your global e-Business security needs. You can trust in Nenix. For more information, please visit us at www.nenix.com or email us at info@nenix.com.