



TECHNOLOGY OVERVIEW

Integration with Microsoft® Active Directory®

Nakisa OrgManagement Series is a powerful suite of 100% web-based modules used to access, visualize and model human capital and organizational structure information. Architected for rapid deployment and ease of administration, Nakisa OrgManagement Series is the only enterprise class solution of its kind to be fully certified by SAP, Oracle, and Microsoft.

Based on a Service-Oriented Architecture (SOA) and designed to leverage Web Services, Nakisa OrgManagement Series is a multi-lingual application that supports load balancing, clustering, co-tenancy and multi-tiered deployments. The solution works within an organization's existing IT infrastructure and seamlessly integrates with portal applications, ERP systems, databases and LDAP Directories.

SYSTEM OVERVIEW

Users access Nakisa OrgManagement Series through the Internet via a supported web browser. Through an easy-to-use interface they can search and view human capital data in the form of organization charts, employee directories or floor plans. The application leverages an organization's existing relational data and dynamically transforms it to hierarchical information in order to generate graphical web views presented to users.

Performance and Scalability

Nakisa OrgManagement Series is designed using a multi-tier architecture that supports layers of operations of the system. This architecture provides the application with optimal management of system resources to ensure leveraging of existing hardware.

Nakisa OrgManagement Series has been performance optimized and tested in high-demand environments to scale to meet the requirements of hundreds of thousands of users and the handling of millions of records. For implementations with large numbers of records and heavy user traffic, the availability and performance of Nakisa's application is controlled by hardware and software-based load balancing to ensure high system availability, performance and scalability.

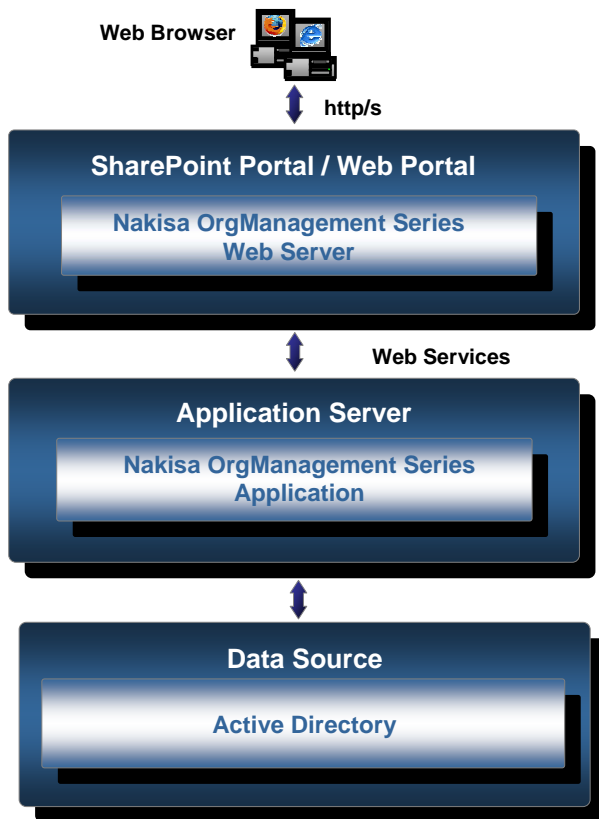
Nakisa OrgManagement Series Framework

A .NET application, Nakisa OrgManagement Series is based on a SOA approach and can be deployed in highly distributed environments. The solution offers flexible integration and interoperability with disparate software applications through its support for open industry Web Service and XML standards.

The application runs on Windows Server and no application or platform changes are required to existing IT infrastructure or desktop environments for an enterprise to benefit from Nakisa OrgManagement Series functionality.

System Configuration & UI Customization

Nakisa OrgManagement Series offers extensive configuration options that generally require no base



Architecture Diagram



code manipulation. Configuration of the solution can be carried out by the system administrator using the application's web-based administration console or can be made using XML configuration files. XML configuration files are fully compatible with international standards and customizations of this type can be carried out with conventional XML / Text editors.

Nakisa OrgManagement Series is a highly flexible solution that allows for tailoring of not only the data presented to users and look and feel of the interface, but also to the feature and functionality users are able to access. All can be quickly customized to meet the specific needs and security requirements of an organization.

Data Source Support

Nakisa OrgManagement Series provides real-time connectivity and integration with the following data sources:

- ERP systems including SAP & PeopleSoft
- Relational databases including Oracle, IBM UDB/DB2, MS SQL Server, MS Access
- LDAP including Microsoft Active Directory, Sun One/iPlanet, Novell eDirectory, IBM Directory Server

The application can connect simultaneously to multiple data repositories to provide one centralized view into data housed across multiple sources.

Application Security

Nakisa OrgManagement Series' application security leverages the Single Sign-On (SSO) functionality and users' identity and role information housed in an ERP application, portal or other supported system. For any secure operation, Nakisa OrgManagement Series respects the login ID's associated security role to enforce corresponding user security privileges and to limit access to specific data. As part of implementation, security role information is also leveraged to allow Nakisa OrgManagement Series to restrict user access to various modules or functionality of the application.

Multilingual Solutions

Nakisa OrgManagement Series is the only browser-based multilingual solution of its kind with full support for Unicode character sets. It can present data in any language and also allows users to select the UI

language of their choice on-the-fly. These settings can be saved to user preferences for future login.

100% Thin Client

Nakisa OrgManagement Series is a 100% HTML based thin-client solution that does not require any installation of Java Applets, ActiveX controls, or alternative software to client desktops. The application supports standard web browsers including Internet Explorer, Apple Safari and Mozilla Firefox.

MICROSOFT ACTIVE DIRECTORY INTEGRATION

Nakisa OrgManagement Series for Active Directory offers real-time connectivity to Microsoft Active Directory 2003 and 2000 and takes full advantage of Active Directory's native delegation and security framework to provide a complete integrated solution. The solution also leverages MIIS to provide full provisioning functionality and integrates with Microsoft Authorization Manager to provide role-based security.

Identification

Using Windows Integrated Authentication, Nakisa OrgManagement Series for Active Directory requests user identification from IIS. The identified user acquired from IIS is then used within Nakisa OrgManagement Series to connect to the Active Directory.

Authorization

Authorization will dictate the specific actions or information the user will be provided access to by Nakisa OrgManagement Series for Active Directory. The solution can use the native Authorization within Active Directory, can be configured to use a proxy account and can leverage Microsoft Authorization Manager for role-based security.

Applying Rules & Defining Custom Groups

Active Directory user groups are also leveraged and remapped by Nakisa OrgManagement Series for Active Directory. New Nakisa OrgManagement Series groups are created to further customize user roles by combining Active Directory group rules into different custom groups.

