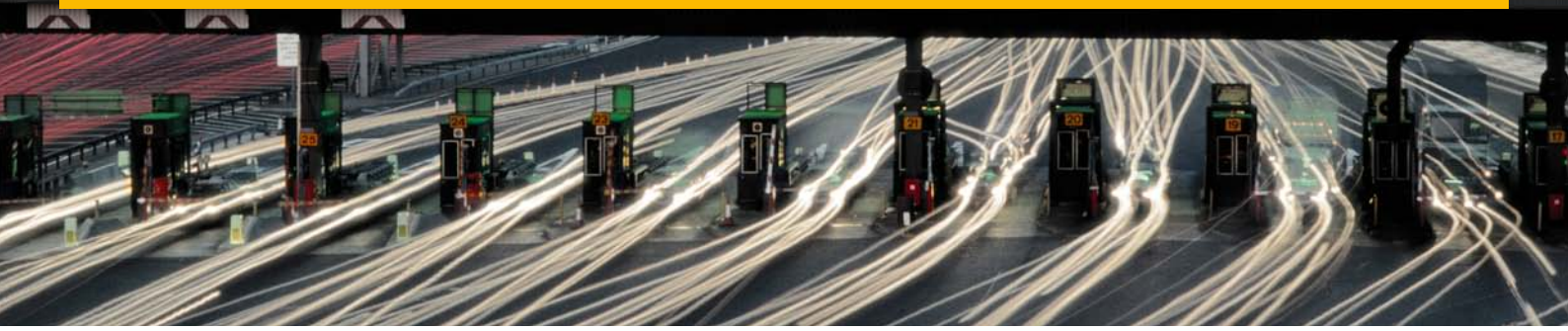
SAP Information Sheet
SAP NetWeaver | SAP NetWeaver Single Sign-On

Simplify Business Users' Experience and Enhance Security with Single Sign-On



The SAP NetWeaver Single Sign-On application enables companies to eliminate the need for multiple passwords and user IDs. With the application, part of a comprehensive single sign-on portfolio for multiple user authentication processes, you can lower the risks of unsecured login information, reduce help desk calls, and help ensure the confidentiality and security of personal and company data.

Summary
To navigate the heterogeneous IT environments common to most systems within companies, people frequently must use multiple sets of authentication credentials. This reduces business user efficiency and increases risks to sensitive company and personal information. With the SAP NetWeaver® Single Sign-On application, you can eliminate the need for multiple passwords and IDs.

Business Challenges
- Complex IT environments that are a mix of existing and new applications and technologies
- Numerous user IDs and passwords required for people to access the software they need
- High cost of calls made to the help desk to reset forgotten passwords
- Risk of login information stored in unsafe locations
- Maintenance of confidentiality and security

Key Features
- **Secure login** – Protect business users from unauthorized monitoring or manipulation and enable single sign-on at initial login
- **Enterprise single sign-on** – Enable single sign-on where no standardized authentication token is possible
- **Identity federation** – Integrate with services across companies and domains to allow people to log into partner applications via Web browsers

Business Benefits
- **Reduce help desk costs** with significantly fewer calls to recover passwords
- **Boost user productivity** by alleviating the burden of having to remember dozens of passwords and perform separate login procedures
- **Help ensure confidentiality** with encryption during data transmission between client and server software

For More Information
To learn more about SAP NetWeaver Single Sign-On, contact your SAP representative or visit us online at www.sdn.sap.com/irj/sdn/nw-identitymanagement?rid=/webcontent/uuid/70d49577-5863-2e10-20a8-f6cd79adf434.

www.sap.com/contactsap

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Most companies have complex IT environments, which means that employees must juggle numerous user IDs and passwords to access the software they need. With the SAP NetWeaver® Single Sign-On application, you can eliminate the need for multiple passwords and IDs. You can reduce the risk of login information stored in unsafe locations, cut back on calls made to the help desk to reset forgotten passwords, and maintain confidentiality and security.

SAP NetWeaver Single Sign-On is part of a comprehensive single sign-on portfolio for multiple user authentication processes. It works in combination with existing SAP NetWeaver authentication and single sign-on functionality, and with the CA SiteMinder application for Web access management, an SAP-endorsed business solution.

SAP NetWeaver Single Sign-On supports a variety of authentication methods to cover your security requirements and protect vital assets. It enables methods from simple user name and password authentication to sophisticated two-factor technologies, such as software tokens and smart cards, which require two different kinds of evidence to verify user identity. To help ensure confidentiality, reliable standards-based encryption secures system communication paths.

SECURE LOGIN

With SAP NetWeaver Single Sign-On, business users only have to authenticate when they initially log in. Strong encryption provides additional security for communication with GUIs and Web browsers. User activities are protected from unauthorized monitoring or manipulation. The application enables forced re-authentication for critical applications as well as digital signatures for legal contracts, and can allow access across firewalls.

ENTERPRISE SINGLE SIGN-ON

Legacy applications often don't support standardized authentication or single sign-on tokens. Instead, they rely on user name and password authentication. The enterprise single sign-on component closes this gap and enables strong authentication by software token and smart card. Wizard-driven functionality stores credentials securely at first logon and resends for subsequent logons.

A management console supports convenient and secure administration of applications, credentials, password policies, and blacklists. You can view certificates, switch authentication modes, import or export software tokens, register new applications automatically, and set logon process parameters.

IDENTITY FEDERATION

SAP NetWeaver Single Sign-On integrates with services across companies and domains, so people can log into partner applications outside the company with Web browsers. The application enables sharing of authentication data in a trusted format without revealing personal or company information. It allows you to extend a person's digital identity beyond the organization without using cross-company authentication systems. The identity federation component allows Web-based and Web-service-based authentication and federation of identities via the Security Assertion Markup Language (SAML) 2.0.

ENHANCE SECURITY AND PRODUCTIVITY

With SAP NetWeaver Single Sign-On, you can cut help desk costs with significantly fewer calls to recover passwords. Boost user productivity by alleviating the burden of having to remember dozens of passwords and perform separate login procedures. And help ensure confidentiality with data encryption during data transmission between client and server software.

FIND OUT MORE

To learn more, contact your SAP representative or visit www.sdn.sap.com/irj/sdn/nw-identitymanagement?rid=/webcontent/uuid/70d49577-5863-2e10-20a8-f6cd79adf434.