

SAP Single Sign-On

Simple and Secure

Requiring every user to have a distinct password for every system is not very efficient and presents a security risk for the company. These conditions often prompt employees to write down their access details or store them in an insecure format. The SAP Single Sign-On (SSO) software solution replaces multiple password prompts across different systems with a single user authentication step. Users benefit from a simplified login process, and the company benefits from better security.

Multiple different passwords are not always more secure

Many users begin their workday by logging into their company computer, followed by additional authentication processes for each of the various applications and systems that they need for their daily work. When faced with so many logins, it is far too easy for a user to lose track of which password goes where. To make matters worse, many systems require passwords to be changed every few weeks. To prevent themselves from forgetting their passwords, some users keep them written down on a post-it on their monitor or under their keyboard. Others simply forget their passwords again and again. Then the employee has to contact the help desk to submit a password reset request, costing the company time and money. The SSO technology by SAP helps to solve these issues by allowing users to log in to a large number of systems with a single authentication step. It also provides an additional layer of security by encrypting the communications between the user and the application.

Both employees and the company benefit from one-time authentication

SAP SSO reduces the daily login steps performed by each employee to a single one-time authentication process on their PC. Using a variety of supported SSO technologies, such as Kerberos, SAML, and X.509 certificates, the SSO solution developed by SAP passes this PC login to each of the other systems, avoiding the need for any additional username and password prompts. This is good for both the users and the company in several ways. The users no longer need to remember multiple sets of login details for different systems and are no longer asked to re-enter them repeatedly. This improves security and is faster. Businesses benefit from better security, and save time (and money) on password resets and login screens.

Product characteristics & features

- Compatible with both SAP and non-SAP software

- Strong encryption algorithms offering high levels of security
- Large selection of SSO technologies are supported
- Settings can be distributed via group policies
- Users gain access to various systems via SSO
- 2-factor authentication (2FA) via an app for mobile devices

Your benefits at a glance

- Easier to implement IT security requirements
- Simplified registration process for employees
- Increased productivity by eliminating various login processes
- Reduced administrative burden
- Decreased workload for the help desk with fewer password reset requests

“SAP’s SSO technology works across various IT standards and can be used even in broadly heterogeneous environments. At ASCONSIT, we specialize in homogenizing the system landscapes of large and medium-sized companies by working with specially developed connectors. We can advise you about integrating SSO into your system, and we’ll still be available for in-house coaching and support even after the implementation is complete.”

Olaf Tetzlaff (Team Lead SAP)