Enhanced Functionality with Our Mobile Platform

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The Best-Run Businesses Run SAP™

The speed of business and innovation

The pace of technological change is faster than ever, especially for mobile solutions and devices. To move with agility and keep up with emerging developments and opportunities, companies like yours need a mobile platform that grows to meet your changing needs. Enhanced functionality in SAP® Mobile Platform enables you to build a strong strategy for enterprise mobility.

Mobile technology continues to evolve and expand; and in a turbulent business environment, you don't want to have to reinvent solutions to keep pace with dynamic demands. Companies like yours need an enterprise-grade platform that is stable yet flexible. You need a future-proof solution that enables you to quickly build and deploy mobile apps that keep your workforce and customers connected and engaged, and that reduces the risks and guesswork involved with scalability and extensibility.

SAP Mobile Platform keeps you abreast of the competition with the latest functionality and enables you to make your mobile strategy a reality with packaged and custom-developed apps for any device. Cutting-edge technology incorporates input from customers and partners and supports and fosters business success.

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Flexible, open architecture and Web services

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Performance testing and transport management

Hybrid Web container and load testing

With enhanced representational state transfer (REST) application programming interface (API) functionality, administrators can control application interaction, assign role-based access to users, and improve data and process security. REST API functionality exposes the features of SAP Mobile Platform as services, which can be consumed using any third-party software development kit (SDK). Platform, programming language, and SDK frameworks and actions are simply converted to standard HTTP requests.

This support gives developers and administrators the flexibility to use familiar tools and leverage existing knowledge and experience as they implement the state-of-the-art features they need. By leveraging this platform, they can enable application onboarding and provide authentication, single-sign-on, push, and reporting functionality, as well as straightforward application and system configuration. REST API functionality works with SAP NetWeaver® Gateway technology, the SAP HANA® platform, and other back-end software.

Build engaging, intuitive mobile applications on our open development platform.

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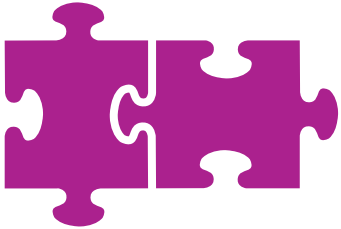
Enterprise-to-enterprise tracing functionality enables the tracking of information across all components and layers of a software landscape from end to end. Administrators can quickly identify underperforming or problematic components and provide analysts with sufficient details to determine and address root causes.

Transport management functionality enables administrators to manage the rollout of application content to landscape server environments with a straightforward workflow. Administrators can export packages or applications for transport requests in the change and transport software system. After import, transport requests can be queued in a production landscape. Administrators can release transport requests from the queue and import them to production.

Choose our industry-leading platform to enjoy the collaborative benefits provided by the developer center and SAP Community Network.



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Hybrid Web container and load testing

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In supporting SAP NetWeaver Gateway, the platform lets developers connect to back-end software and query data in a hybrid Web container. Web applications are packaged by the hybrid Web container to run as native apps on devices of any type. For example, an employee look-up tool for the iPhone would feature the device's signature look and feel. With this functionality you can:

- Write HTML5 applications that communicate with SAP NetWeaver Gateway using the REST API
- Version and manage hybrid application packages
- Support push notifications through subscriptions of SAP NetWeaver Gateway
- Maintain encryption of storage and certification repositories
- Access a range of APIs for third-party devices

Preloaded applications eliminate the need for connectivity during the initial launch. Developers can create hybrid application packages, and applications can be included for immediate use.

The platform streamlines distribution of role-based hybrid applications to individuals and groups based on Microsoft's Active Directory or the lightweight directory access protocol (LDAP). To control access and maintain platform security, administrators create roles and templates to assign applications.

SAP Mobile Platform enables users to create test scripts for the SAP LoadRunner application by HP, which automates performance, load simulation, and testing.

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Business transformation based on the latest technology

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With SAP Mobile Platform you can transform your business with a single, secure infrastructure that reduces your total cost of ownership and leverages existing IT resources. You can choose from cloud and on-premise versions of the enterprise and consumer editions of SAP Mobile Platform for deployment that suits your organization's goals and needs. The platform enables the rapid development and delivery of mobile applications, allows the use of major third-party development tools, and supports a comprehensive range of operating systems, applications, and devices.

The scalable, extensible platform helps you achieve your mobile strategy while meeting business goals based on resources, budgets, and time frames. With SAP Mobile Platform you can rapidly deploy feature-rich applications for employees, partners, and consumers. You can streamline the management of data access, applications, and content with the secure and scalable platform.

Developing mobile solutions within a proven, repeatable lifecycle gives you the confidence that you can quickly respond to evolving business and technology needs and reduce time spent managing the delivery process. Empower developers with a range of SAP and third-party tools, make the most of your current investment and expertise, and lower total cost of ownership.

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Summary

SAP® Mobile Platform lets you design, develop, and deploy mobile apps. And with prepackaged solutions and a flexible, integrated development environment, you can deliver them fast. The platform is available in cloud and on-premise versions of its enterprise and consumer editions. The open environment supports a range of development tools and devices. The architecture works with SAP and non-SAP back-end software and is supported by the SAP ecosystem and partners.

Objectives

- Connect and interact with consumers and increase brand loyalty
- Improve productivity and provide access to enterprise software through mobile devices
- Provide a solution to design, build, deploy, and optimize applications

Solution

- Open, enterprise-grade mobile application development platform for employee and consumer applications
- Scalable infrastructure to deploy and operate mobile apps
- Deployment and operations with an on-premise or cloud version

Benefits

- Empower every employee to be more productive and increase revenue and interactions with customers
- Reduce total cost of ownership and leverage existing IT investments and skill sets
- Speed innovation in any development environment and take advantage of robust services and libraries to deliver cutting-edge applications

Learn more

To find out more, call your SAP representative today or visit us online at www.sap.com/mobileplatform.

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