



SAP Unwired Platform Overview

Applicable Releases:

SAP Unwired Platform 1.5.2

Topic Area:

SAP Unwired Platform

Capability:

Mobility

Author Info:

Nidhideep Bhandari is SAP NetWeaver Consultant working with SAP GDC and has keen interest in SAP Mobile related products.

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Document History

Document Version	Description
1.00	First Version of this document.

Typographic Conventions

Type Style	Description
<i>Example Text</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Cross-references to other documentation
Example text	Emphasized words or phrases in body text, graphic titles, and table titles
Example text	File and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example text	User entry texts. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE TEXT	Keys on the keyboard, for example, F2 or ENTER.

Icons





Icon	Description
	Caution
	Note or Important
	Example
	Recommendation or Tip

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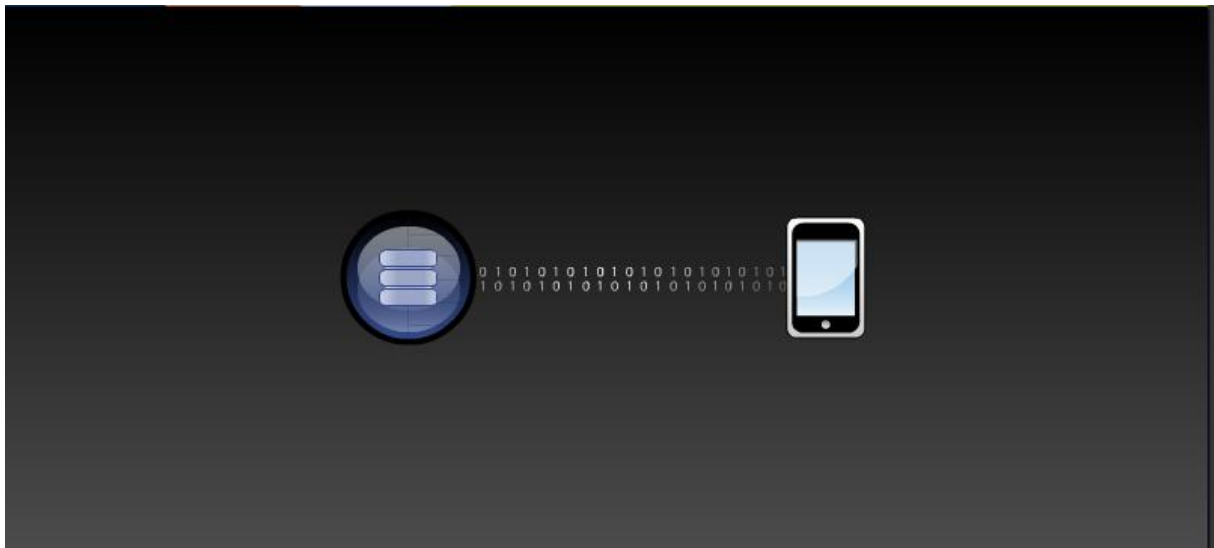
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1. Business Scenario

1.1 Introduction

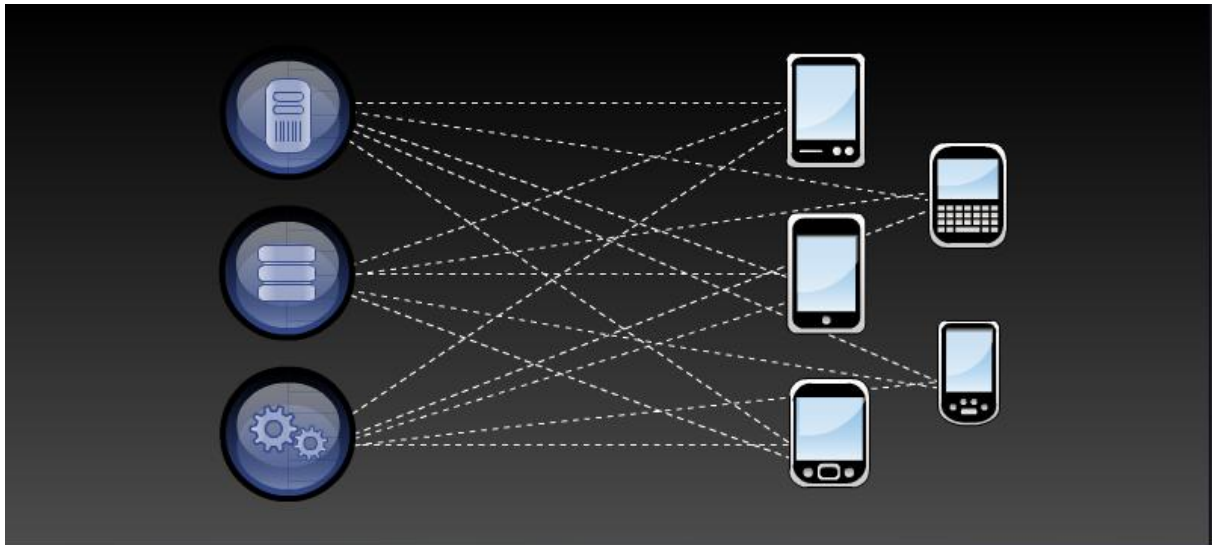
SAP Unwired Platform lets you develop mobile applications with the Unwired WorkSpace development environment and manage the production environment with Sybase Control Center. Unwired Platform takes your enterprise data and applications into the field to mobile workers quickly. Use Unwired Platform to create dynamic, secure mobile applications, which you can deploy, manage, and monitor from the Web-based administrative console.

2. Why a Platform Approach?



With only one database and one mobile device ,there is no need to have platform approach.

But imagine this scenario:



Multiple databases ,file system and application like SAP, Oracle App,i2 and multiple device platform like Blackberry , Iphone, Android and Symbian. This makes life complex?

To make life easy , platform approach is most suitable approach as it provides common set management tool for all devices and mobile application.

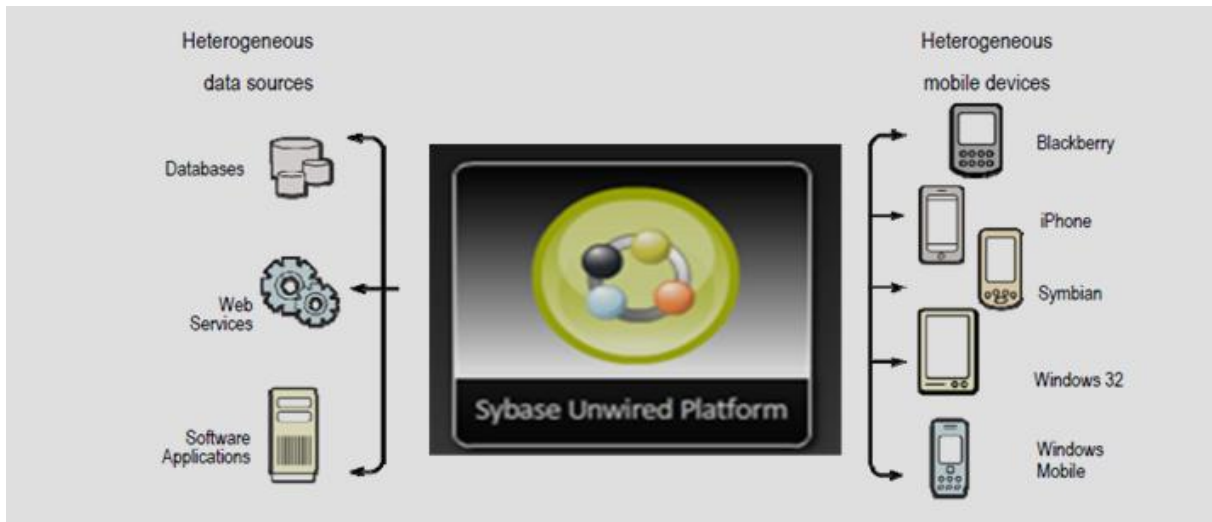


Why platform approach is most suitable?

- It is most effective way to take your enterprise data and applications into the field to mobile workers quickly.
- It provides reliable data access.
- Supports Variety of Devices.

3. Most Effective

SAP Unwired Platform is most effective way of creating and managing multiple mobile applications that securely connect a variety of heterogeneous back-end data sources like databases, Web Services(SOAP or REST) , platforms such as SAP .



3.1 Supported Back-End Databases

SUP supports:

- Sybase SQL Anywhere 10 and 11
- Sybase Adaptive Server Enterprise 15.x
- Microsoft SQL Server 2005 and 2008
- Oracle 10g 0r 11g
- IBM DB2 8.x and 9.x

3.2 Supported Webservices

- SOAP Web Services
- Representational State Transfer (REST) Webservices

4. Reliable Data access

SAP Unwired Platform provides the Afaría tool to solve complex management tasks simply and effectively. IT has full control of the range of devices and applications deployed and can view information from a single console.

Through Afaría data and content is backed up and can be deleted if a device is lost or stolen. Sensitive data on devices is encrypted, and security policies are centrally enforced. IT can be confident that sensitive company information is secure outside the office.



5. Supports Variety of Devices



5.1 SAP Sybase Platform supports client platforms

- a. Windows (for tablets,laptops)
 - XP and Vista (32 and 64 bit)
- b. Windows Mobile 5.0,6.0 and 6.1(Standard or Professional)
- c. Apple iPhone and iTouch 3.0,3.1 and 4.0
- d. RIM BlackBerry 4.2,4.6 and 4.7
 - OS 4.2.1 on Blackberry 8800
 - OS 4.2.2 on Blackberry Curve 8300
 - OS 4.2.2 on Blackberry Pearl Flip 8220 and Bold 9000
 - OS 4.6.1 on Blackberry Curve 8900
 - OS 4.7.0 on Blackberry Storm 9530
- e. Symbian (Nokia Series 60 3rd Edition and 5th Edition)

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