



**Mobile Web Dynpro (NW-MOB-WD)
Integration Certification Overview**

SAP Integration and Certification Center

SAP NetWeaver'04 enables rapid application development and direct online access of business applications using mobile devices.

Web Dynpro as part of SAP NetWeaver Web Application Server provides SAP customers and partners a development and runtime environment to create professional web business applications and their user interfaces (UIs). In addition, Mobile Web Dynpro Online provides the appropriate infrastructure and rendering tools for specific mobile devices.

The fundamental components, which SAP delivers for “mobilizing” Web applications, are:

- **Device and Browser Recognition (Client Info) within SAP NetWeaver WebAS**
- **Standard User Interface elements, such as TextView, InputField or TableView.**
- **Specific User Interface elements for mobile data collecting using a Pocket PC, such as BarCodeReader, RFIDReader or FunctionKey**
- **Web Dynpro Rendering**

The integration certification checks are based on SAP's recommendations for Mobile Web Dynpro Online-based applications.

■ UI to be represented as business package

◆ UI certification test

- Mobile Web Dynpro application developed using SAP NW Developer Studio
- Development and packaging check

◆ Functional / Networking certification test

- Functional Test with networks supported
- Handling of network issues
- Usability criteria

◆ Criteria are similar to SAP NetWeaver Portal Business Package certification

■ Online Applications – always connected will have a client UI based on Web Dynpro. Having been developed using Mobile Web Dynpro, the J2EE component naturally is deployed on SAP NW WebAS

How can Mobile WebDynpro applications qualify for Powered by SAP NetWeaver branding?

To qualify for Powered by SAP NetWeaver branding, the mobile application demonstrates a comprehensive integration strategy with the SAP NetWeaver platform.

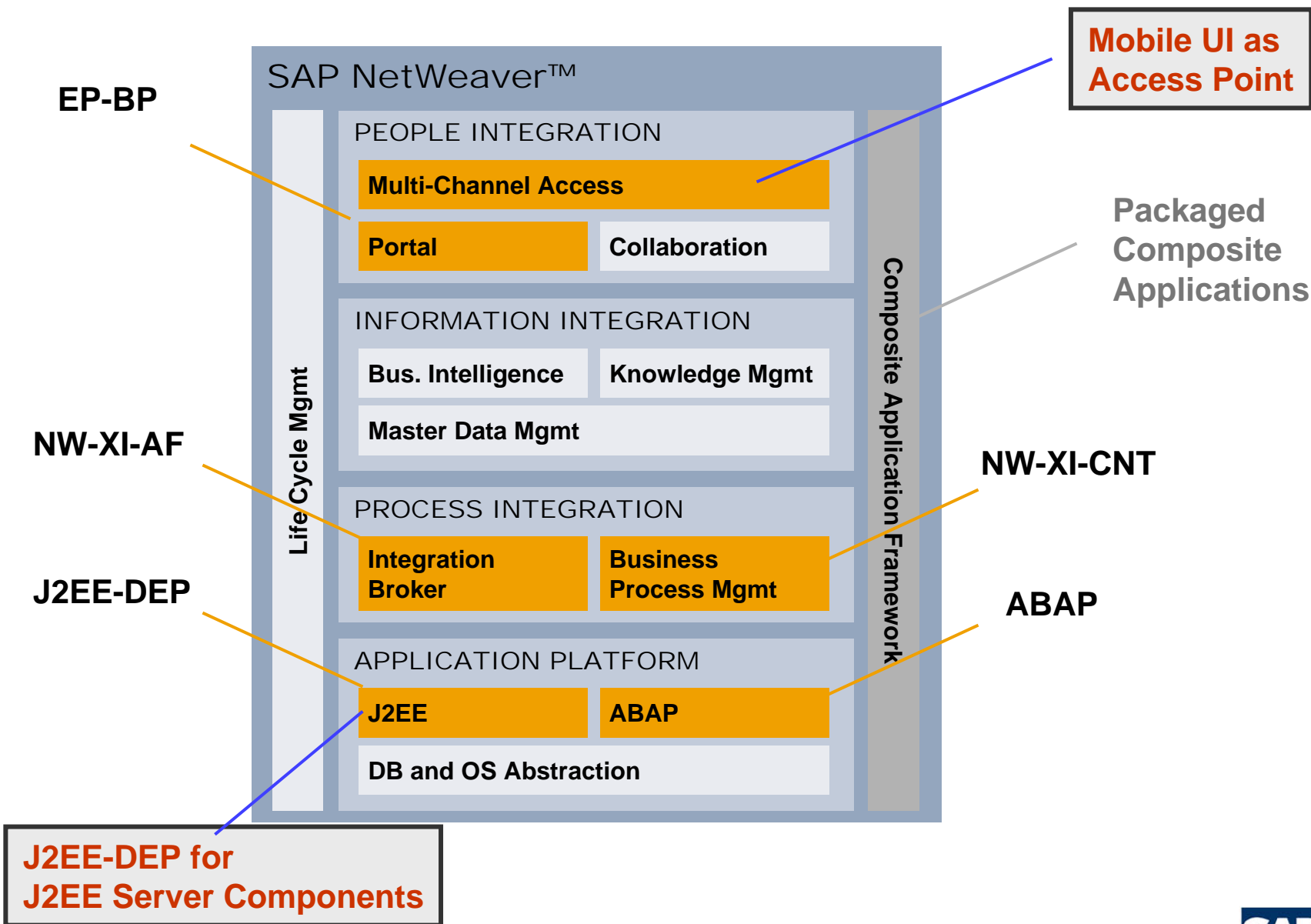


From a certification perspective this means:

- The Web Dynpro UI is an access point to the applications, similar to SAP NetWeaver Enterprise Portal, and the UI is to be represented as a business package based on Mobile Web Dynpro (NW-MOB-WD)
- The Web Dynpro J2EE components are deployed on the SAP NW Web AS
- Additionally all server components (beyond and above the Web Dynpro J2EE components) of the application are also deployed on SAP WAS (J2EE-DEP)

A **combination** of the **two criteria (NW-MOB-WD and J2EE DEP)** will mean “Powered by SAP NetWeaver” branding, while NW-MOB-WD standalone will qualify for “Certified for SAP NetWeaver” branding

Powered by SAP NetWeaver™ Certification Options



No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP AG. The information contained herein may be changed without prior notice.

Some software products marketed by SAP AG and its distributors contain proprietary software components of other software vendors.

Microsoft®, WINDOWS®, NT®, EXCEL®, Word®, PowerPoint® and SQL Server® are registered trademarks of Microsoft Corporation.

IBM®, DB2®, DB2 Universal Database, OS/2®, Parallel Sysplex®, MVS/ESA, AIX®, S/390®, AS/400®, OS/390®, OS/400®, iSeries, pSeries, xSeries, zSeries, z/OS, AFP, Intelligent Miner, WebSphere®, Netfinity®, Tivoli®, Informix and Informix® Dynamic Server™ are trademarks of IBM Corporation in USA and/or other countries.

ORACLE® is a registered trademark of ORACLE Corporation.

UNIX®, X/Open®, OSF/1®, and Motif® are registered trademarks of the Open Group.

Citrix®, the Citrix logo, ICA®, Program Neighborhood®, MetaFrame®, WinFrame®, VideoFrame®, MultiWin® and other Citrix product names referenced herein are trademarks of Citrix Systems, Inc.

HTML, DHTML, XML, XHTML are trademarks or registered trademarks of W3C®, World Wide Web Consortium, Massachusetts Institute of Technology.

JAVA® is a registered trademark of Sun Microsystems, Inc.

JAVASCRIPT® is a registered trademark of Sun Microsystems, Inc., used under license for technology invented and implemented by Netscape.

MarketSet and Enterprise Buyer are jointly owned trademarks of SAP AG and Commerce One.

SAP, R/3, mySAP, mySAP.com, xApps, xApp and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and in several other countries all over the world. All other product and service names mentioned are the trademarks of their respective companies.