

# IBM WebSphere Portal Server — An Open Pervasive Portal Platform

## At a Glance

WebSphere Portal Server enables you to make your applications and content available when and where you need them.

- Offers a natural extension of Everyplace Suite
- Provides an open portal platform that allows you to deliver content to device- and network-independent portlets
- Includes:
  - Sample portlets
  - Connectors for standard content protocol
  - Source code for connectors and portlets

## Overview

Through personalization and content aggregation, portals provide an individual view of a company's Web site or an individual entry point to the Internet. Personalization allows for efficient access to the information and applications that are of interest to users.

WebSphere™ Portal Server for AIX®, Version 1.1 (Portal Server) extends the capabilities of WebSphere Everyplace™ Suite (Everyplace Suite) by providing an open, scalable framework for enabling the aggregation of information from various content sources and applications into a personalized portal. The Portal Server framework provides predefined sample portal applications known as portlets. These portlets provide good examples of how custom portlets can be created. The predefined connectors and portlets are included with source code to allow you to easily modify them for your specific portal needs. Portal Server supports many devices, currently including PCs and selected Wireless Application Protocol (WAP) phones, in both wired and wireless networks.

Basic personalization is provided in Portal Server by accessing personalization information stored in Everyplace Suite. More advanced personalization can be provided by Portal Server when used with WebSphere Personalization Version 3.5.

The use of WebSphere Personalization Version 3.5 is optional. When used, it simplifies tailoring of an individual's portal experience and maximizes the benefit of anywhere, anytime access to information.

Portal Server provides benefits to both wireless service providers and to enterprises.

- Portals have become a popular wireless service provider offering. Since many telecommunication service providers offer similar portal capabilities, it is an ongoing challenge to develop and implement new portal applications and content in order to stay competitive. Portal Server can contribute to:
  - Development of new offerings
  - Enhancement of existing services
  - Extension of revenue-generating opportunities
- Enterprises have found that making internal applications and content available through a single, personalized interface can result in increased employee productivity and increased customer satisfaction. Portals serve as a common interface to varied sources of information, and can include many types of applications.

For more information, visit the IBM Pervasive Computing Division Web site at:

<http://www.ibm.com/pvc>

and click on Portal Solutions, or contact your IBM representative or authorized Lotus® business partner.

## Key Prerequisites

- AIX 4.3.3, or later
- WebSphere Everyplace Suite Version 1.1.2, or later (Service Provider Edition or Enterprise Edition)
- WebSphere Application Server, Advanced Edition, Version 3.5.2, or later

## Planned Availability Date

February 2, 2001

## Description

Portal Server provides a portal framework, portal applications, and content connectors that allow end users to access virtually any type of information, from corporate data to the Internet. Users can register to Portal Server from a supported device. Depending on their device type, they can choose from a list of portlets.

A portlet is a portal application, or can also be a window into a specific content or application source. Portlets can be created to offer degrees of user personalization. Portal Server includes portlets with source code to allow creation of custom portlets. The portlets are:

- Stock Quotes Portlet
- Syndicated Content Connection Portlet
- Weather Portlet
- News Portlet
- Search Portlet
- Generic File Access Portlet

**Note:** Permission from the content provider may be required and is the user's responsibility.

Portal Server generates HTML content that can be rendered by browsers on PCs and other devices. It also generates content that can be rendered by WML browsers that are typically available on WAP phones and PDAs.

Portal Server Version 1.1 is available only in English. It is single-byte- and double-byte-enabled, but is not bidirectional.

## Euro Currency

This program is not impacted by euro currency.

## Product Positioning

Portal Server is designed to provide a device- and network-independent content and application aggregation framework for virtually any content or application source. This allows Portal Server to work with many of IBM's middleware products to produce very compelling portal applications.

- WebSphere Everyplace Suite Service Provider Edition Version 1.1.2, or WebSphere Everyplace Suite Enterprise Edition Version 1.1.2  
Everyplace Suite is a prerequisite for Portal Server. Portal Server requires the management connectivity, and data transformation capabilities that Everyplace Suite provides.
- WebSphere Personalization Version 3.5  
Use of this program is optional. When it is installed with Portal Server, advanced degrees of personalization are provided.