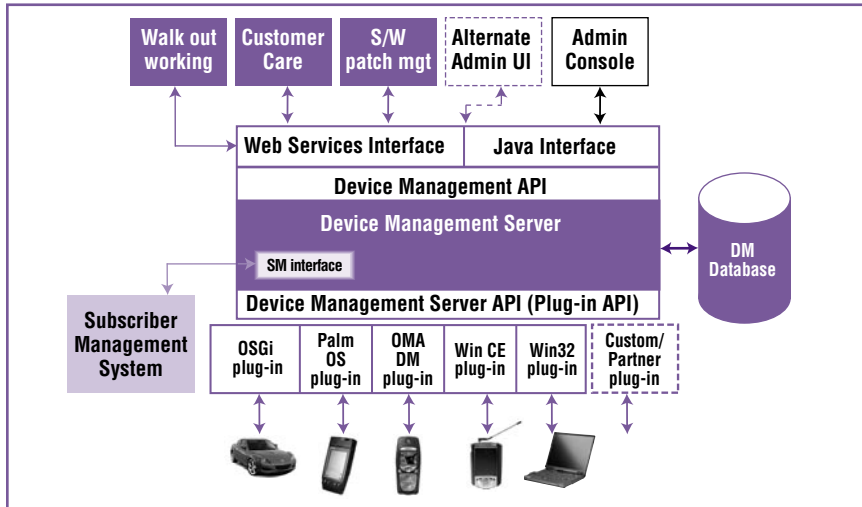**WebSphere** software

WebSphere Everyplace Device Manager

Effective device management can help minimize the impact of these barriers.

A scalable solution

IBM offers a highly scalable solution —as part of the WebSphere Everyplace Server, Service Provider offering—providing management for a broad range of devices:

- *Mobile and wireless phones, personal digital assistants (PDAs), communicators and mobile computers/laptops*
- *Vehicle telematics devices that are used in cars, trucks and trains*
- *Smart home/building devices that are used to manage and network home appliances, utility services/ meters, facilities management and security systems*

IBM's device management platform can help reduce functional duplication within customer care, sales and marketing, and network operations, consolidating common device management functions such as configuration, inventory management and software management services.

Highlights

- **Simplifies device management to help service providers gain market advantage, increase customer loyalty and enhance revenue growth**

- **Provides device management capabilities for a wide range of wireless and mobile devices**

- **Supports a number of device classes and protocols including OMA DM, OSGi, WinCE and PalmOS**

- **Scalable to manage millions of devices**

Business challenge

The complexity of provisioning and providing on-going management of device support is one of the greatest barriers to overcome when adopting new wireless data services. For instance:

- *The user's device may not support the service being accessed due to an outdated operating system, missing software or incorrect setting*
- *The device setup and operation may be too complex for the subscriber to manage on their own*
- *Service availability and options can vary based on network and location*

A suite of applications and interfaces

WebSphere Everyplace Device Manager supports industry standards and operating systems commonly used in mobile devices:

- *Open Mobile Alliance Device Management (OMA DM)*
- *Open Service Gateway Initiative (OSGi)*
- *Windows® CE (WinCE)*
- *Palm Operating System (PalmOS)*

WebSphere Everyplace Device Manager includes a suite of applications and user interfaces that supports the following:

- *Device plug-ins that support specific functions for a variety of device classes*
- *Applications for asset inventory*
- *An interface to a subscriber management system*

Scalable up to millions of devices

Small implementations of a few thousand devices scaling up to high-end, distributed, multi-server and clustered environments that can handle millions of devices.

Partner ecosystem and integration

WebSphere Everyplace Device Manager has a published Web services application program interface (API) that supports integration with outside components and applications. Partner components can be directly integrated to deliver a coherent overall device management solution.

IBM WebSphere Everyplace Service Delivery family — Foundation for flexibility

WebSphere Everyplace Device Manager is a member of the WebSphere Everyplace Service Delivery family of offerings that provide expanded opportunities into the mobile e-business on demand world. This platform allows service providers to purchase only the functionality they require while delivering a consistent architecture to build on in the future. It is designed to take the future in stride — to enable service providers to meet a broad spectrum of varying needs, and satisfy growing customer demands going forward.

This versatile set of offerings provides many key benefits, including:

Leverage wireless technology to reach new markets
Connect, adapt, manage, transform and scale cutting-edge Web applications for a wide range of pervasive devices.

Adapt content dynamically
Extend business content to an almost limitless range of wireless and wire connected devices, including wireless access protocol (WAP) phones, wireless personal computing devices, intermittently connected devices and digital set top boxes. Business content can also be extended to computers in cars, mobile equipment and household appliances tailoring content to match device software characteristics — such as screen size or graphics capabilities — to extend market reach.

For more information

To learn more about WebSphere Everyplace Device Manager, contact your local IBM representative or visit:

ibm.com/pervasive

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