Openwave® Mobile Browser 6.1

Openwave Mobile Browser 6.1 delivers an enhanced wireless Web experience with improved content presentation and ease of use. It meets WAP 2.0 standards and provides multimedia support, download and Push services as well as useful applications such as bookmarks and snapshots. It packs many features in a small footprint and provides numerous configurations, enabling device manufacturers to customize the browser software to their needs.

Market-proven Technology

Openwave Mobile Browser 6.1 is a market-proven client software solution designed to support the transition to next generation mobile data services. Core browser technology, including XHTML and image modules, has been deployed in over 2 million handsets in Japan. Building upon this expertise, Sprint PCS shipped the first CDMA implementation of Openwave Mobile Browser 6.1 in August 2002.

Features
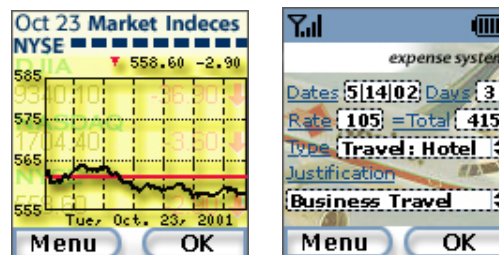
Enhanced Content Experience

Advanced features dramatically improve the mobile subscriber's experience with wireless network applications, such as email, messaging and chat. Rich color applications are enabled with XHTML and CSS Mobile Profile. Additionally, Openwave Mobile Browser 6.1 supports CHTML and is widely used to view i-mode content in Japan.

Snapshots and Autofill

Openwave Mobile Browser 6.1 brings popular browser functions to the wireless world through the addition of Snapshots and Autofill. Snapshots allows users to capture snapshots of their current Web page (or WML stack) for retrieval offline. Autofill recalls recently entered form data to increase ease of use.

Multimedia Messaging (MMS) Toolkit

Openwave Mobile Browser 6.1 includes a powerful MMS toolkit, which offers a time-saving solution for building a customized messaging client. The toolkit includes a network stack, an MMS-SMIL and an XHTML viewer, enabling device manufacturers and communications service providers (CSPs) to reuse browser components for rapid application development and optimized memory footprint design.

Advanced features of Openwave Mobile Browser 6.1 enable richer wireless applications.

Multimedia Services

Through increased media format support, Openwave Mobile Browser 6.1 enables manufacturers and CSPs to deliver a variety of innovative applications with rich images and audio. Image format support includes GIF, JPEG, PNG, BMP and animated GIF. A variety of formats are supported for audio and video streaming.

Push Services

Openwave Mobile Browser 6.1 supports WAP 2.0 Push over both HTTP and WSP stacks as well as XHTML and CSS markup, enabling compelling alerts and Push services. A new graphical popup to announce the arrival of an alert enhances the user experience. CSPs can deliver advertisements and content notifications, such as train times and birthday reminders, that drive subscriber data usage.

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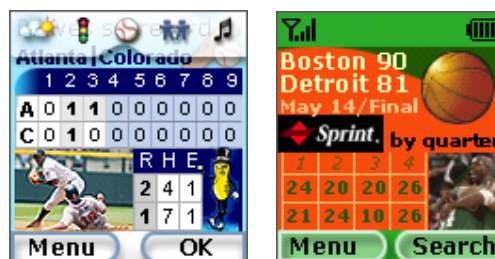
Java™ Gaming and Downloads

Openwave Mobile Browser 6.1 enables the download of Java applications and games via MIDP-OTA1.0 and supports any Java virtual machine. Large objects can be downloaded to the handset, while "No Forward" Digital Rights Management (DRM) protects misuse of paid content.

Security Services

With full SSL3.0/TLS1.0 support, wireless subscribers can enter secure wireline Internet sites without the need for upgrades in security hardware infrastructure. Openwave Mobile Browser 6.1 also supports WTLS ClassII on the WAP1.x stack.

Feature Flexibility and Customizability

Openwave Mobile Browser 6.1 can be configured to meet the needs of device manufacturers or CSPs, while preserving memory footprint (both ROM and RAM). There are over 30 optional features and over 40 parameters that can be set for the browser, allowing for maximum customization. Similarly, many browser screens are written in XHTML and can easily be edited by the device manufacturer.

Openwave Mobile Browser 6.1 supports rich images and audio in a wide range of formats.

Compatibility

Openwave Mobile Browser 6.1 can scale to a wide range of handsets, allowing device manufacturers to target various handset types with the same product rather than having to port separate browsers. It also offers international language support for over 35 languages, including single-byte and multiple-byte character sets. Openwave Mobile Browser 6.1 is network airlink independent, with current products supporting GSM, GPRS, 1xRTT, CDMA, TDMA, PDC, PHS, iDEN and CDPD.

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