# PalmSource® Web Browser 3.0



PalmSource Web Browser 3.0 has been designed to provide mobile operators and Palm Powered™ licensees with an unprecedented browsing experience tailored to their unique Palm Powered smart mobile devices for the benefit of their web content and multimedia savvy mobile users.





#### **Product Overview**

PalmSource Web Browser 3.0 is designed to address the needs of a variety of mobile devices from PDAs to smartphones and gives mobile users unprecedented graphics and navigation capability in the delivery of rich media content. It further establishes Palm OS Cobalt as the platform of choice for connected devices and provides for an optimal user experience in a wireless environment.

Based on the ACCESS NetFront™ core, PalmSource Web Browser 3.0 is optimized to offer a rich, powerful experience that takes advantage of the ease-of-use of the Palm OS platform. Smartphone or PDA users with dial-up, Bluetooth or high-speed connections, such as 802.11, GPRS, and EDGE on handhelds, can browse Web and WAP pages to shop, download games and music, watch and listen to news, remotely connect to corporate intranets and access email.

Enterprises and wireless shoppers will benefit from increased security with support for SSL (Secure Socket Layer) or TLS (Transport Layer Security) for secure communications and e-commerce transactions. PalmSource Web Browser 3.0 also supports optional proxy settings for use in environments that require a proxy server.

PalmSource Web Browser 3.0 is designed to offer flexibility for hardware manufacturers to customize the interface based on the needs of their customers and wireless operators, by changing parameters like the default home page, pre-provisioning bookmarks, or adding navigation mechanisms specific to their mobile devices.

#### **Product Details**

### **Internet Standards and Protocols**

- HTTP 1.1 (Wireless Profile)
- HTTPS with SSL 2.0 and SSL 3.0 and TLS 1.0
- HTML 4.01
- XHTML 1.1 (including Mobile Profile)
- CSS1, CSS2, WCSS
- WAP 2.0 with WML 1.3
- iMode (cHTML)
- ECMAscript (JavaScript 1.5)
- DHTML
- DOM Level 1, partial support for DOM Level 2
- Optional proxy settings (Host IP address, port number)

#### **Graphics**

- High resolution (320x320 and 320x480 with Dynamic Input Area)
- 16-bit color support
- Scalable fonts
- Images: JPEG, PNG, GIF, WBMP

#### Navigation

- Standard "full page view"
- Optimized page rendering (eliminates horizontal scrolling for easier navigation)
- Page zooming
- Tab-based window management
- Pop-up support (user toggleable)
- Tables and frames support
- Text field auto complete
- Bookmarks and history

#### Localization

English, French, Italian, German,
Spanish and Japanese

## **Extensibility**

- Support for keyboard and various navigation systems (jog dial, 5-way navigation,...)
- Customization and provisioning of browser settings (homepage, bookmarks, etc...)

#### **Other Features**

- Offline browsing (using memory cache)
- Page and file download support (RAM and expansion cards)
- Multimedia content playback
- ARM native application
- RAM patchable





