



Polaris™ Browser 6.0

“The Wheel of Converged Web Browsing”

Polaris™ Browser 6.0 is a mobile web browser solution compatible with web standards such as HTML, CSS and ECMA Script as well as existing WAP standards that allows any kind of web service on any Internet enabled device. The Polaris™ Browser 6.0 enhances the user experience and enables best in the class Internet browsing on mobile phones, Set-Top-Boxes, Game consoles and other Internet capable terminals and a true converged lifestyle experience.



Advantage

Time to Market

Polaris™ Browser 6.0 can be ported to a variety of operating systems and types of terminals. The browser solution meets global market requirements powered by commercial shipments to Asia Pacific and North Americas.

Suitable for Low to High-End

The powerful browser engine is meeting all expectations in efficient memory handling and therefore suitable equally not only for low but also mid-high end devices. With Polaris™ Browser 6.0 carriers and manufactures can conveniently rely on one solution meeting all requirements for a wide range of products and services.

Extensibility

Other applications out of the Polaris™ product line can be easily added to Polaris™ Browser 6.0 and can synergize with the underlying middleware. The architectural concept of our browser solution allows our customers and partners to easily scale new components such as adding a file viewer via the plug-in interface.

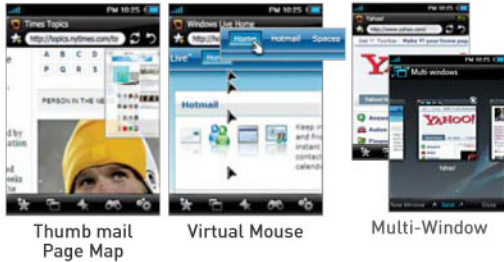
Up-to-Date

Polaris™ Browser 6.0 is carefully designed to meet the latest consumer trends in terms of excellent UX design experience or supporting Web 2.0 services. End users can simply enjoy the ultimate and intuitive PC like Internet browsing experience by accessing any kind of information and using rich web applications.

Key Features

Intuitive Key Navigation Browsing

Polaris™ Browser 6.0 supports various smart UI features such as navigating the website in a page mapping mode which captures the point of interest with a thumbnail allowing user to access quickly the desired information area. Additional intuitive web surfing features such as scrolling the site with a virtual mouse pointer and browsing in the Multi Window mode can be enjoyed by the user.



Thumb mail Page Map

Virtual Mouse

Multi-Window

Intuitive Touch Screen Browsing

End users experience the Internet browsing as more convenient and intuitive by using a touch screen. The Polaris™ Browser 6.0 supports touch screen device specific features such as Page Panning, Dragging and Zooming in & out. By combining visual UI feature enhancements Internet surfing with the Polaris™ Browser leverages the whole user experience to a whole new level.



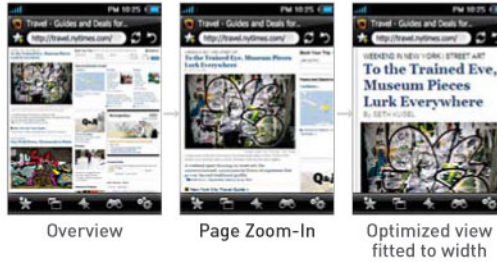
Panning

Drag & Drop

Favorites Folders

Smart Viewing

Various viewing modes can be used while browsing the Internet. The high performing Zoom in and out feature is designed to work seamlessly with the different rendering modes like PC-like Viewing mode to Optimized Screen Rendering mode. Each viewing mode can be individually enabled or disabled according to the end users web surfing preference.



Overview

Page Zoom-In

Optimized view fitted to width

Web 2.0 Support

Polaris™ Browser 6.0 is compatible with all main markup languages. The support of AJAX and RSS enables the users to enjoy interactive services such as map services, news feeds, blogging and content downloads. In addition it powers the plug-in interface to further advanced services like playing flash contents, opening document files and many others.



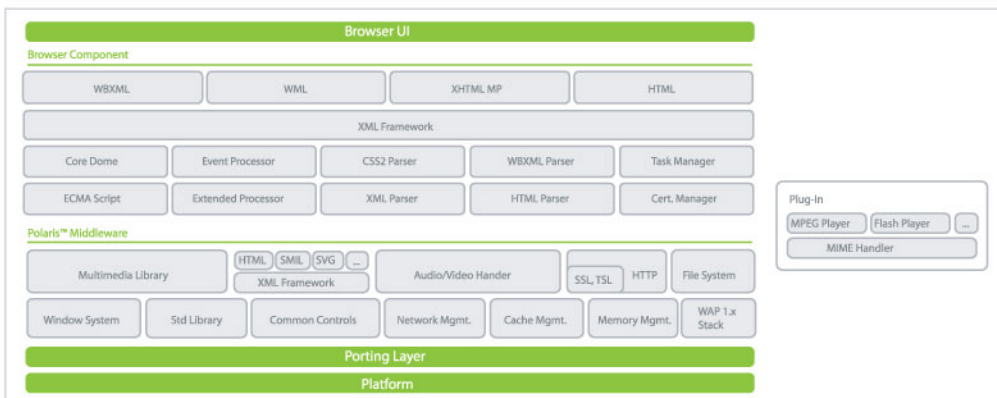
Browsing Web Pages which use Ajax

RSS viewer and searching RSS article

Flash Animation Support

Architecture

- Well organized porting layer that enables quick porting
- Separate UI layer which can be easily customized
- Plug-in interface for advanced browser functions.



Specification

(p=partial, T=Touch screen)

Markup Language

- WML 1.X
- WML 2.0
- WCSS 1.1
- WML Script
- WML Script Crypto Library
- WAP 1.X Backward Compatibility
- HTML 4.01
- XHTML 1.1 & Basic & XHTML MP
- CSS 1, CSS 2, CSS 2.1
- ECMA Script (ECMA 262)
- DOM Level 1, Level 2
- Ajax / Web 2.0

UI Features

- Zoom In & Out
- OSR (Optimized Screen Rendering)
- PC View, Overview
- Landscape View
- Image View
- Text Only View
- Progressive Rendering
- Thumbnail Page Map
- Virtual Mouse
- Search Bar (Word Highlighting)
- Thumbnail Multi-Windows
- Visual Favorites
- Pop-up Blocking
- RSS View
- Block Scrap & Scrap Book
- Tool Bar
- Offline Browsing
- Auto-fill, URL Input History
- Recent Page
- Panning (T)*
- Drag & Drop (T)
- Drag Zoom In & Out by gesture (T)
- Visual Tip (T)
- Virtual Scroll (T)
- Virtual Keyboard (T)
- Gestured View Mode Change (T)

Network & Security

- WBXML
- WSP/WTP/WTLS/WDP
- (W)HTTP/TLS/SSL
- Cookie & Cache
- WPKI
- WAP Protocol Stack

Supported Media Formats

- BMP, WBMP, JPEG, (animated) GIF, PNG, ICO & Transparent
- Pictogram

Others

- OMA Download
- UA Profile
- Provisioning
- Push (WAP2.0 Push over HTTP&WSP)
- PSTOR (File Upload)

Plug-In Interfaces

- Browser Control
- Adobe Flash
- VIS (Mobile Flash)
- MPEG4 Plug-In
- Virtual Keyboard (T)
- Gestured View Mode Change (T)

Available Plug-in Application

- MPEG4 & MP3 Player
- Document Viewer
- E-mailer
- MMS Client
- SMIL 2.0
- DRM 1.0
- RSS Viewer
- SVG Tiny 1.2