

Myriad Browser V7

A Highly-Optimised Mobile Browser for Mid-Range Mobile Devices

Myriad Browser V7 enables handset manufacturers and mobile operators to truly differentiate with a new mobile web experience. Backed by a powerful graphics engine and tightly integrated with other popular applications, Myriad Browser V7 sets a new standard for mid-range feature-phone browsers.



Figure 1: Myriad Browser V7 interface

Advanced Mobile Browsing

Myriad Browser V7 enables operators to deliver mobile-specific and standards-based web content on mass-market feature phones.

Support for OMA Browsing 2.3 standards, including, XHTML MP and WCSS 1.1, and W3C standards such as HTML 4.01, CSS 2.1 and DOM 2 HTML, allows operators to deliver rich mobile content services. Support for stylus and finger touch interaction as well as portrait and landscape modes make mobile web browsing a truly new experience.

Dynamic Content Interaction

Myriad Browser V7 delivers faster mobile web browsing with the combined support of ECMAScript 3rd edition, ECMAScript MP and XMLHttpRequest and the support of Script and AJAX, thereby reducing the amount of data exchanged, while making mobile phones more accessible to content developers.

Myriad Browser V7 also leverages Script and offline browsing technology to offer a lightweight and easy-to-use environment for the development of powerful markup applications.

Cross-Application Integration

Myriad Browser V7 is tightly integrated with other Myriad applications such as Myriad Messaging. Features like "Send URL" and "Send Snapshot," automatically invoke the messaging client so that users can easily send a URL or screen shot. The browser can be launched from other applications, letting users move quickly between tasks; (e.g. accessing the browser help menu during a Java™ game).

Myriad Browser V7's plug-in framework also enables device manufacturers to add custom handlers for various media types to display specific embedded media content within the web pages.

Content Management

Myriad Browser V7 delivers and manages a broad spectrum of content so that operators can reap the full benefits of innovative new services. The browser supports GIF, animated GIF, JPEG, PNG, BMP and WBMP content formats as well as common audio and video streaming formats. It also supports Java downloads via MIDP-OTA 2.0, in addition to content downloads via OMA Download 1.0.

To ensure that revenue streams from these advanced content services are protected, the browser provides full support for OMA DRM 1.0 pre-integrated with browser.

Flexible and Customised

Myriad Browser V7 leverages a powerful 2D graphics engine that allows device manufacturers and mobile operators to quickly customise the browser to deliver a consistent and integrated interface across the phone. Customisable elements include titles, fonts, colours, wallpapers, soft- keys, sounds associated with actions, field placement and icons.

Myriad Browser V7 is pre-configured to meet the needs of both handset manufacturers and mobile operators.

With the support for legacy and next-generation content formats and protocols, Myriad Browser V7 scales from mid-range and high-end phones with a common web experience. Myriad Browser V7 provides support for over 35 languages – single-byte and multiple-byte character sets – making it truly global.

Myriad Browser V7 is pre-integrated on Brew Mobile Platform and ready for platform evolution.

Mobile Standards Supported

- XHTML Mobile Profile 1.2
- WML 1.3
- OMA WCSS 1.1
- CSS Mobile Profile 1.0
- ECMAScript Mobile Profile 1.0
- OMA DRM 1.0
- OMA Browsing v2.3 enabler
- WAP 2.0 Push
- OMA Client Provisioning
- OMA Download 1.0
- MIDP OTA 1.0 and 2.0

Internet Standards Supported

- HTML 4.01
- CSS 2.0
- DOM 2 HTML

- ECMAScript262 3rd Edition / Javascript 1.5
- XHTML 1.0
- HTTP 1.1 / TLS 1.0 / SSL 3.0
- XMLHttpRequest
- RSS v0.91

User Interaction

- Progressive Rendering
- Snapshots
- Autofill
- Touchscreen
- Landscape mode

Media and Plug-in Support

- GIF, A-GIF, JPEG, PNG, BMP
- SVG Tiny 1.1, RTSP, Flash, and other third-party viewers and handlers.

For sales enquiries please contact:

Myriad Group AG

The Towers, Towers Business Park, Wilmslow Road, Didsbury, M20 2SL. UK

t: +44 (0) 161 249 5400 | f: +44 (0) 161 249 5401 | e: sales@myriadgroup.com

myriad™

Myriad Group AG
Lagerstrasse 14,
8600 Dübendorf,
SWITZERLAND

t: +41 (0) 44 823 89 00
f: +41 (0) 44 823 89 99
e: info@myriadgroup.com
www.myriadgroup.com

About Myriad

Myriad Group AG is a global leader in mobile technology and has shipped software in more than 2 billion devices. Its comprehensive portfolio includes browsers, messaging, Java, social networking, user interfaces and middleware for all types of mobile phones, from ultra-low cost handsets to advanced smartphones.

The company provides both individual components and complete solutions, which enable handset manufacturers and operators to deliver amazing experiences on mobile phones. Myriad also develops USSD-based customer self-care platforms that deliver over 10 billion messages a year to 220 million mobile users across more than 30 mobile operators worldwide.

Myriad was created from the combination of industry-leading companies, Esmertec and Purple Labs. It operates worldwide, with offices in Switzerland, France, UK, USA, China, South Korea, Taiwan, Japan and Australia. Headquartered in Dübendorf-Zürich Switzerland, Myriad is listed on the SIX Swiss Exchange (SIX Symbol: MYRN). For more information, visit www.myriadgroup.com.